

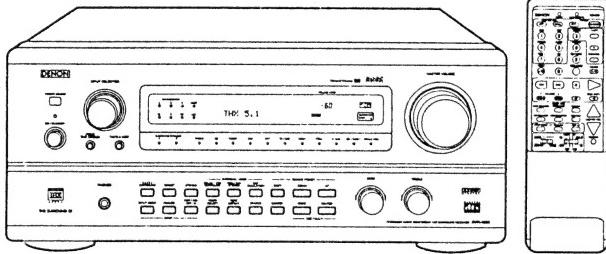
DENON

Hi-Fi Component

SERVICE MANUAL

MODEL AVR-4800 MODEL AVC-A10SE

AV SURROUND RECEIVER / AMPLIFIER



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● Some illustrations using in this service manual are slightly different from the actual set.

NIPPON COLUMBIA CO., LTD.

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 millamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

SPECIFICATIONS

Audio Section

Power Amplifier

Rated output:	125 W + 125 W (8 Ω/ohms, 20 Hz - 20 kHz with 0.05 % T.H.D.)
(All properties shown are only for the power amplifier stage.)	130 W + 130 W (8 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
Surround:	125 W × 5 ch (8 Ω/ohms, 1 kHz with 0.7 % T.H.D.)
	170 W × 2 ch (8 Ω/ohms), 270 W × 2 ch (4 Ω/ohms), 350 W × 2 ch (2 Ω/ohms)
Front/Center:	6 ~ 16 Ω/ohms
Surround:	A or B 6 ~ 16 Ω/ohms, A + B 8 ~ 16 Ω/ohms

Analog

Input sensitivity/Input impedance:	200 mV/47 kΩ/kohms
Frequency response:	10 Hz ~ 100 kHz: +0, -3 dB (DIRECT mode)
S/N:	105 dB (DIRECT mode)
Distortion:	0.005 % (20 Hz ~ 20 kHz)(DIRECT mode)
Rated output/Maximum output:	1.2 V/8 V

Digital

D/A output:	Rated output - 2 V (at 0 dB playback) Total harmonic distortion - 0.005 % (1 kHz, at 0 dB)
	S/N ratio - 105 dB
	Dynamic range - 96 dB
Digital input:	Format - Digital audio interface

Phono equalizer (PHONO input-REC OUT)

Input sensitivity:	2.5 mV
RIAA deviation:	±1 dB (20 Hz ~ 20 kHz)
Signal-to-noise ratio:	74 dB (A weighting, with 5 mV input)
Rated output/Maximum output:	150 mV/8 V
Distortion:	0.03 % (1 kHz, 3 V)

Video Section

Standard Video Jacks

Input/output level and impedance:	1 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 10 MHz: +0, -3 dB

S-Video Jacks

Input/output level and impedance:	Y (brightness) signal - 1 Vp-p, 75 Ω/ohms C (color) signal - 0.286 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 10 MHz: +0, -3 dB

Color component video terminal

Input/output level and impedance:	Y (brightness) signal - 1 Vp-p, 75 Ω/ohms Cb (blue) signal - 0.7 Vp-p, 75 Ω/ohms Cr (red) signal - 0.7 Vp-p, 75 Ω/ohms
Frequency response:	5 Hz ~ 20 MHz: +0, -3 dB

Tuner section (AVR-4800 only)

[FM] (note: μV at 75 Ω/ohms, $0 \text{ dBf} = 1 \times 10^{-15} \text{ W}$, [AM]	
87.5 MHz~107.9 MHz(U.S.A. and Canada models), 87.5 MHz~108.0 MHz(Europe, Asia, China and Taiwan R.O.C.models)	
520 kHz~1710 kHz(U.S.A. and Canada models), 522kHz~1611 kHz(Europe, Asia, China and Taiwan R.O.C.models)	
Usable sensitivity:	1.0 μ V (11.2 dBf) 18 μ V
50 dB quieting sensitivity:	MONO: 1.6 μ V (15.3 dBf) STEREO: 23 μ V (36.5 dBf)
Signal-to-noise ratio(IHF-A):	MONO: 80 dB STEREO: 75 dB
Total harmonic distortion(at 1kHz):	MONO: 0.15 % STEREO: 0.3 %

General

Power supply:	AC120 V, 60 Hz (U.S.A., Canada and Taiwan R.O.C. models) AC230 V, 50 Hz (Europe model), AC220 V, 50 Hz (China model)
Power Consumption:	10.9 A (U.S.A. and Canada models), 690 W (Europe, Asia and China models), 620W (Taiwan R.O.C. model)
Maximum external dimensions:	434 (W) × 181 (H) × 494 (D) mm (17-3/32" × 7-1/8" × 19-29/64")
Mass:	21.5 kg (47 lbs. 6 oz)

Remote control unit (RC-869)

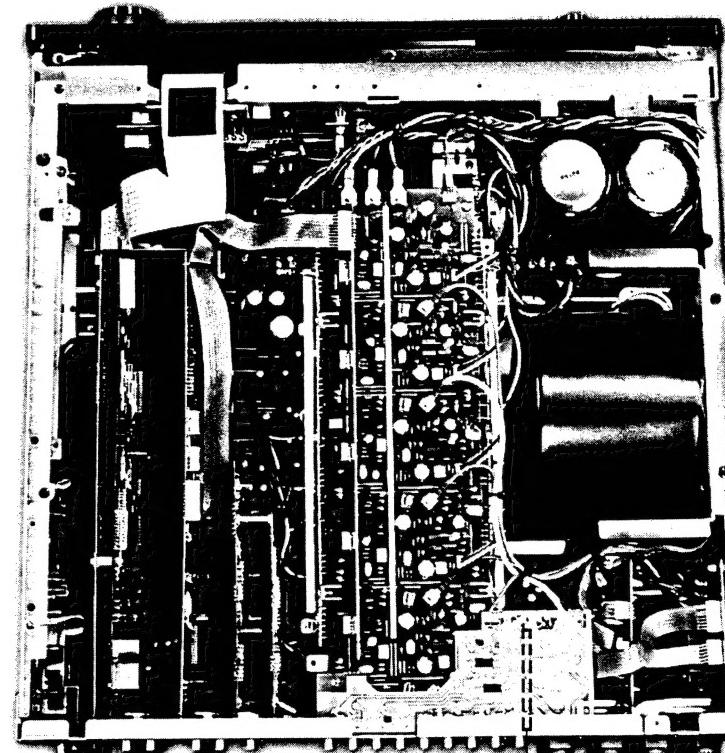
Batteries:	R6P/AA Type (two batteries)
External dimensions:	70(W) × 215 (H) × 24 (D) mm (2-3/4" × 8-15/32" × 15/16")
Mass:	200 g (Approx. 7 oz) (including batteries)

*For purposes of improvement, specification and design are subject to change without notice.

WIRE ARRANGEMENT

If wire bundles are untied or moved to perform adjustment or parts replacement etc., be sure to rearrange them neatly as they were originally bundled or placed afterward.
Otherwise, incorrect arrangement can be a cause of noise generation.

Wire arrangement viewed from the top



Front Panel side



Back Panel side

Note:

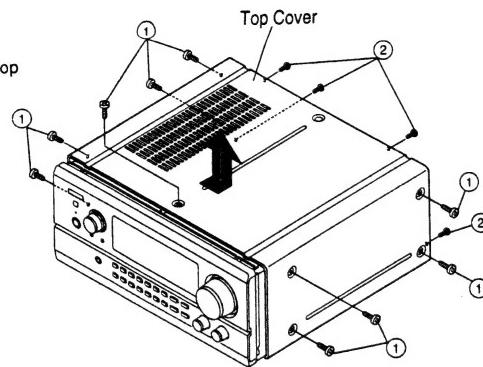
To avoid touching to the primary circuit, be sure to pass through 3 ribbon wires arranged by the Back Panel (wires connecting to the Comp. Video P.W.B., Multi IR P.W.B., and SP 1 P.W.B.) on the component side of the Multi IR P.W.B.

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

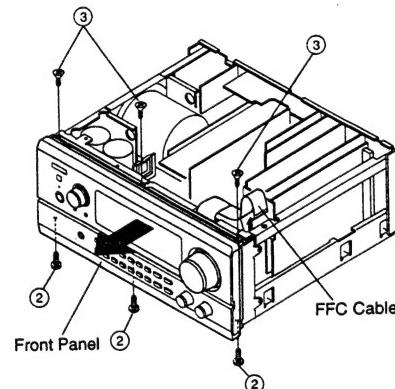
Top Cover

- (1) Remove 9 screws ① on both sides and on the top.
- (2) Remove 4 screws ② on the rear and detach the top cover by sliding to the arrow direction.



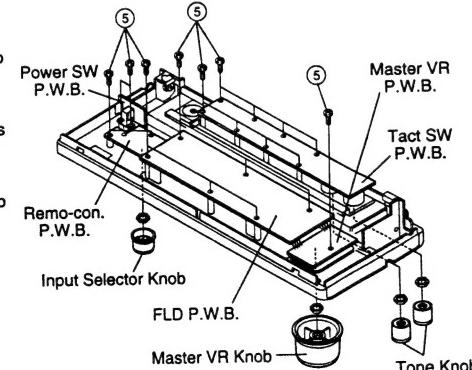
Front Panel

- (1) Disconnect the FFC from its connector.
- (2) Remove 3 screws ② and 3 screws ③ fixing the front panel at its top and bottom edges, then detach it to the arrow direction.



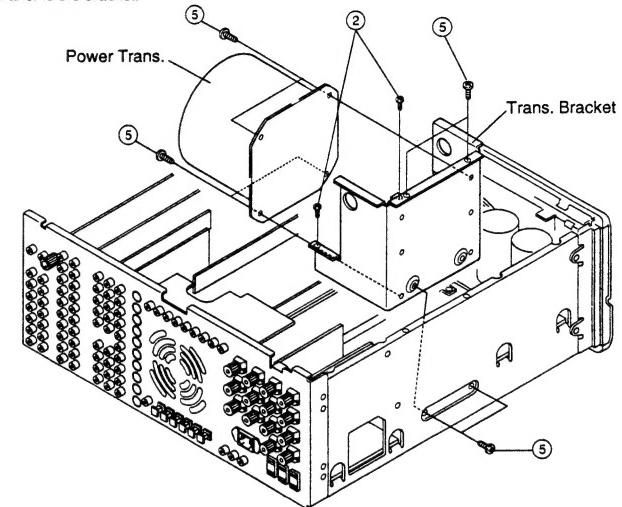
P.W.B.'s on Front Panel

- (1) FLD, Master VR P.W.B.
Remove 7 screws ⑤ after taking off the nut and knob for the master volume.
- (2) Tact SW P.W.B.
Remove 8 screws ⑤ after taking off the nuts and knobs for the tone volumes.
- (3) Remo-con. P.W.B.
Remove 2 screws ⑤ after taking off the nut and knob for the input selector.
- (4) Power SW P.W.B.
Remove 2 screws ⑤.



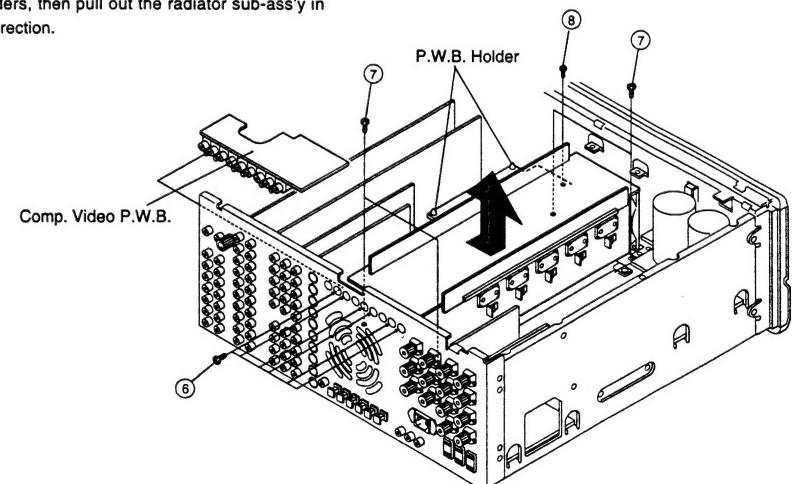
Power Trans.

- (1) Remove 4 screws ⑤ and 2 screws ② fixing the trans. bracket to the chassis.
- (2) Pull out the power trans. upward.
- (3) Remove 4 screws ⑤ fixing the power trans. to the bracket.



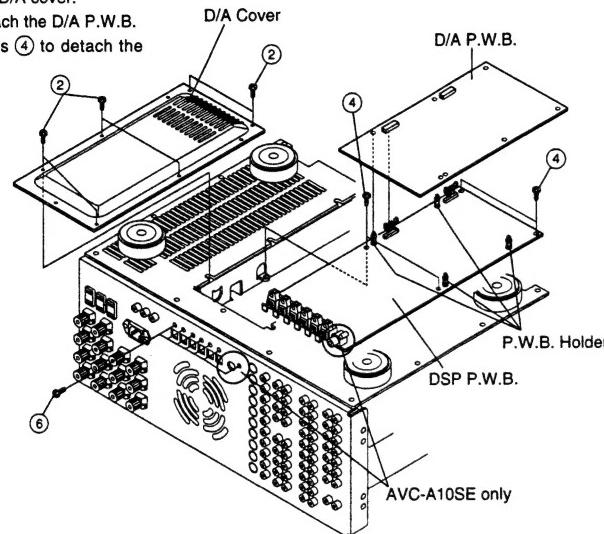
Power Radiator Unit

- (1) Remove 6 screws ⑥ to detach the comp. video P.W.B.
- (2) Remove 4 screws ⑦ and 1 screw ⑧, and release 2 P.W.B. holders, then pull out the radiator sub-ass'y in the arrow direction.

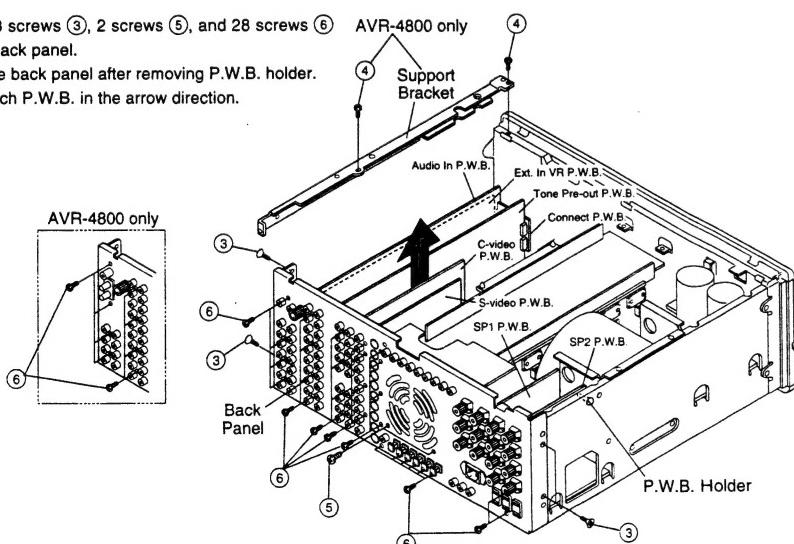


DSP, D/A P.W.B.

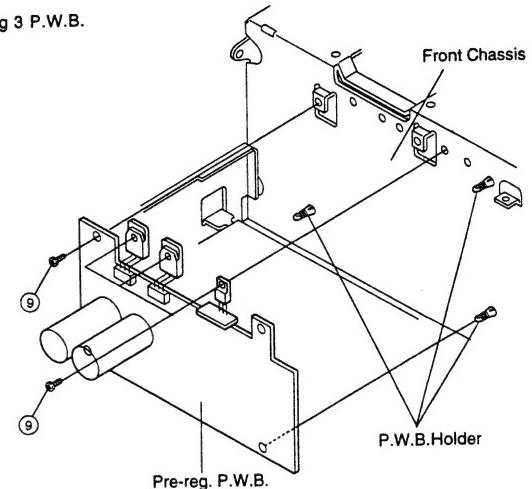
- (1) Remove 6 screws ② to detach the D/A cover.
- (2) Release 4 P.W.B. holders, and detach the D/A P.W.B.
- (3) Remove 7 screws ⑥ and 4 screws ④ to detach the DSP P.W.B.

**P.W.B.'s on Back Panel**

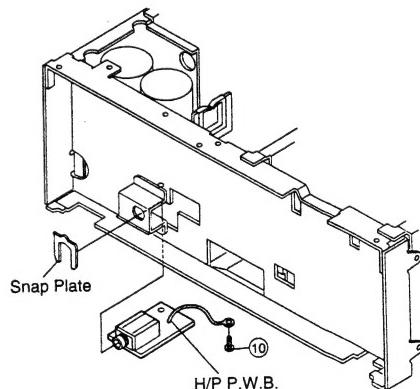
- (1) Remove 1 screw ③ and 2 screws ④ fixing support bracket.
- (2) Remove 3 screws ③, 2 screws ⑤, and 28 screws ⑥ from the back panel.
- (3) Detach the back panel after removing P.W.B. holder.
- (4) Pull up each P.W.B. in the arrow direction.

**Pre-reg. P.W.B.**

- (1) Remove 4 screws ⑨ fixing the Pre-reg. P.W.B. and transistors.
- (2) Detach the Pre-reg. P.W.B. after releasing 3 P.W.B. holders.

**H/P P.W.B.**

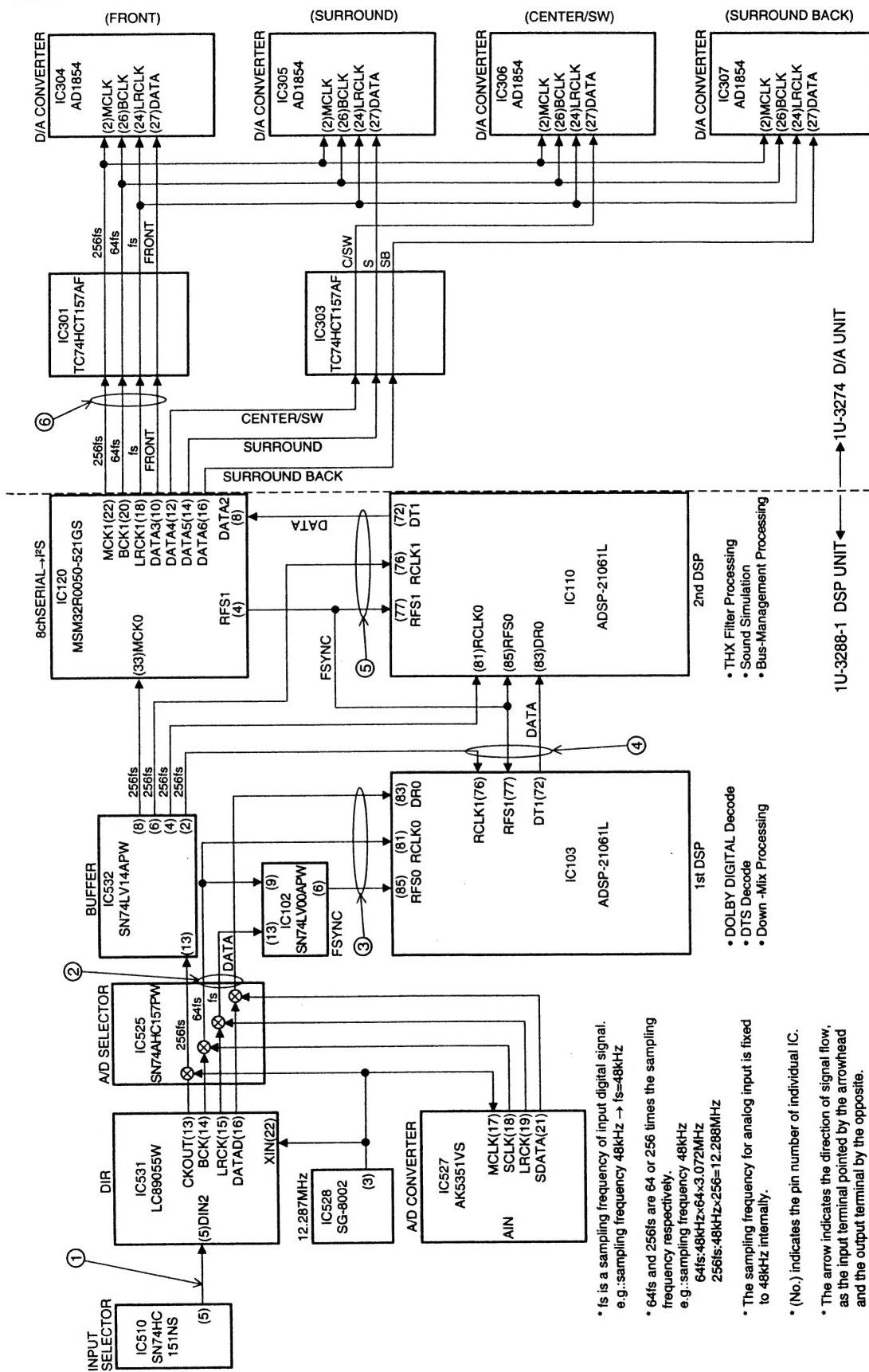
- (1) Remove the bottom cover.
- (2) Remove 1 screw ⑩ fixing the wire from the H/P P.W.B.
- (3) Remove the snap plate to detach the H/P P.W.B.

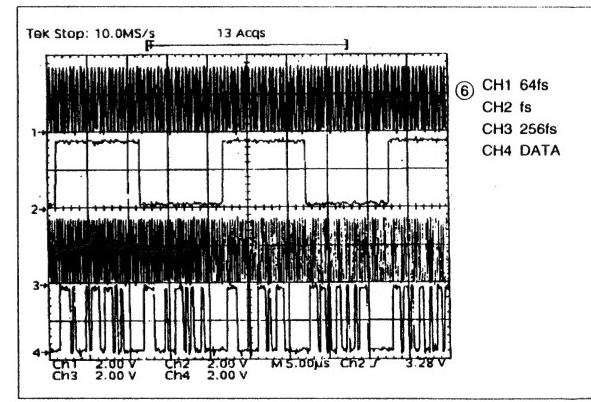
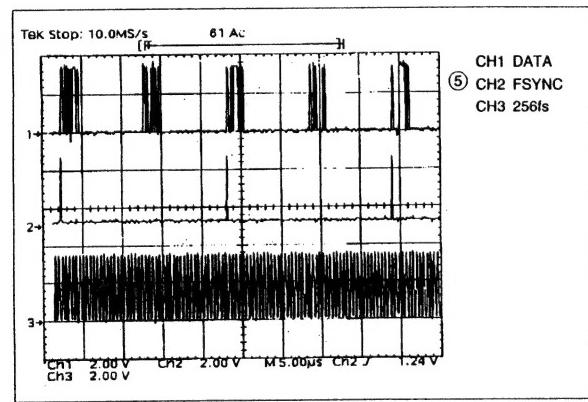
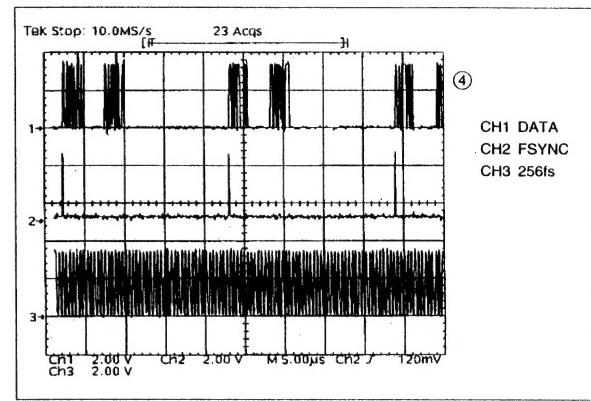
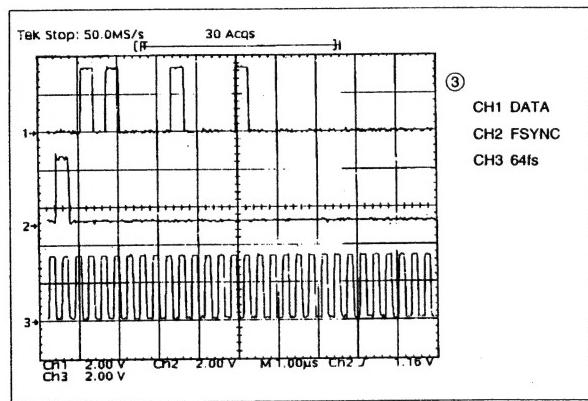
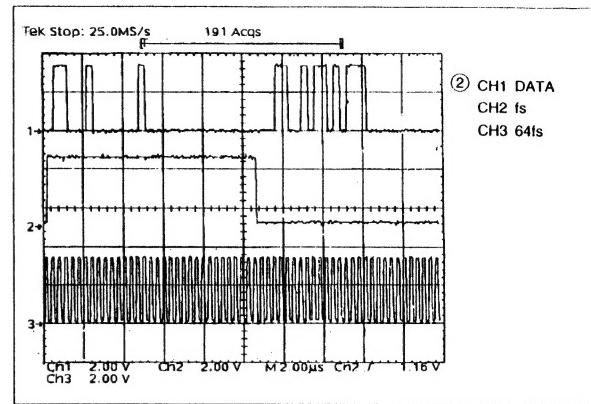
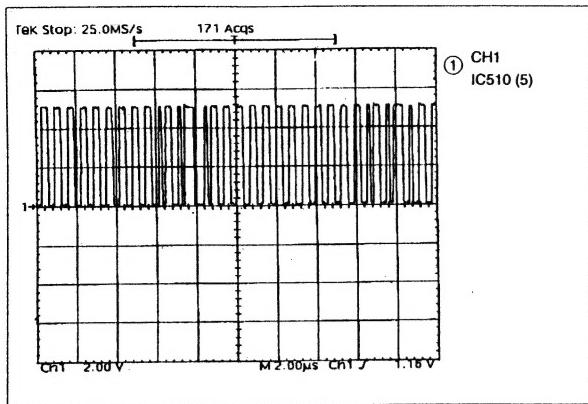
**CAUTION:**

- Do not detach the back panel when placing the unit other than normal position for servicing.
- Be careful not to give any stress when the unit is placed in the bottom down position with its cover removed, as the capacitors on D/A P.W.B. (1U-3274-1) and holders on Main P.W.B. (1U-3127-1) are come to be protruded from the bottom level.

CLOCK FLOW & WAVE FORM IN DIGITAL BLOCK

Clock Flow

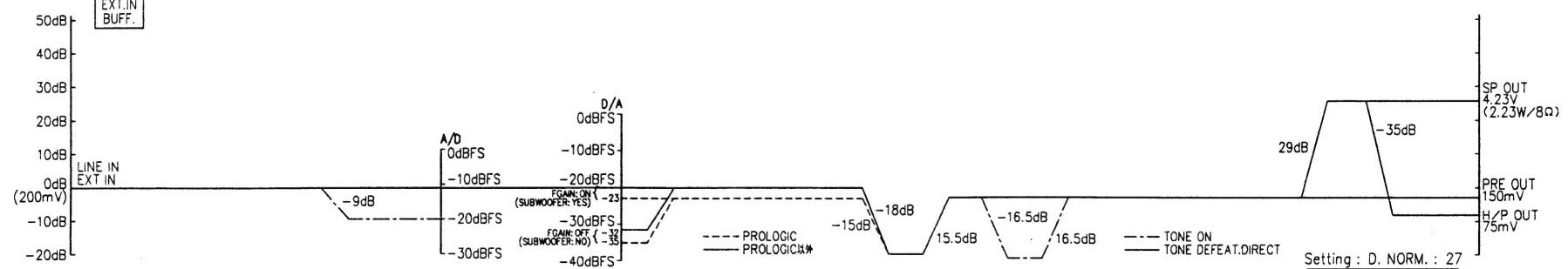
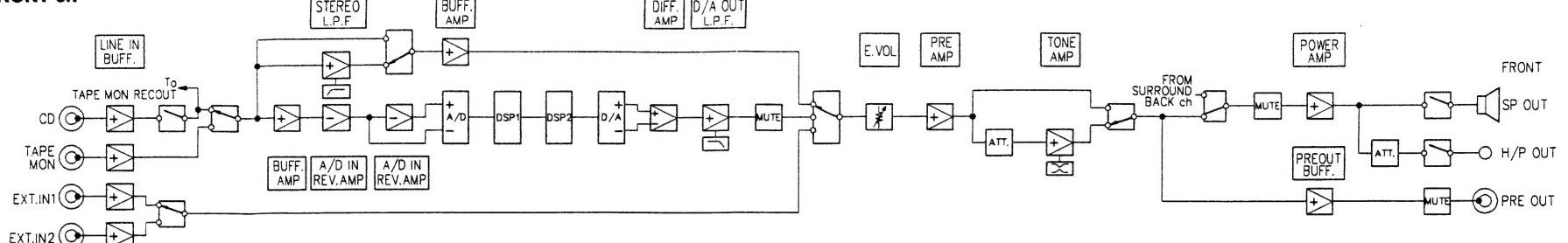




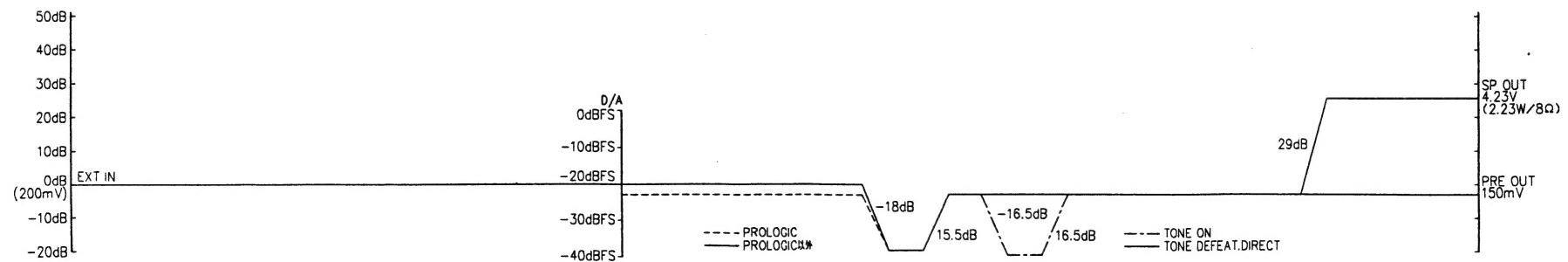
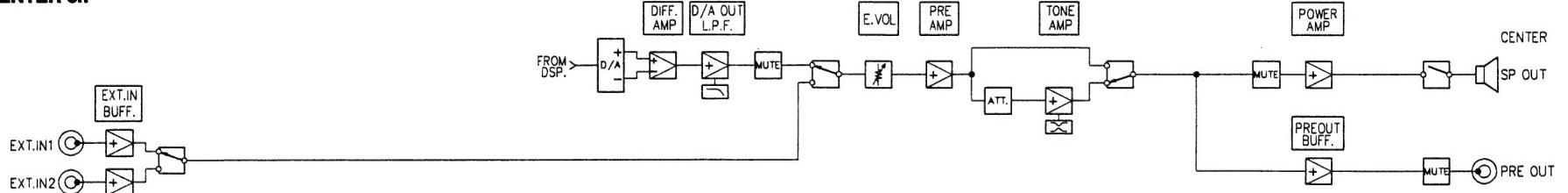
LEVEL DIAGRAMS

1 2 3 4 5 6 7 8

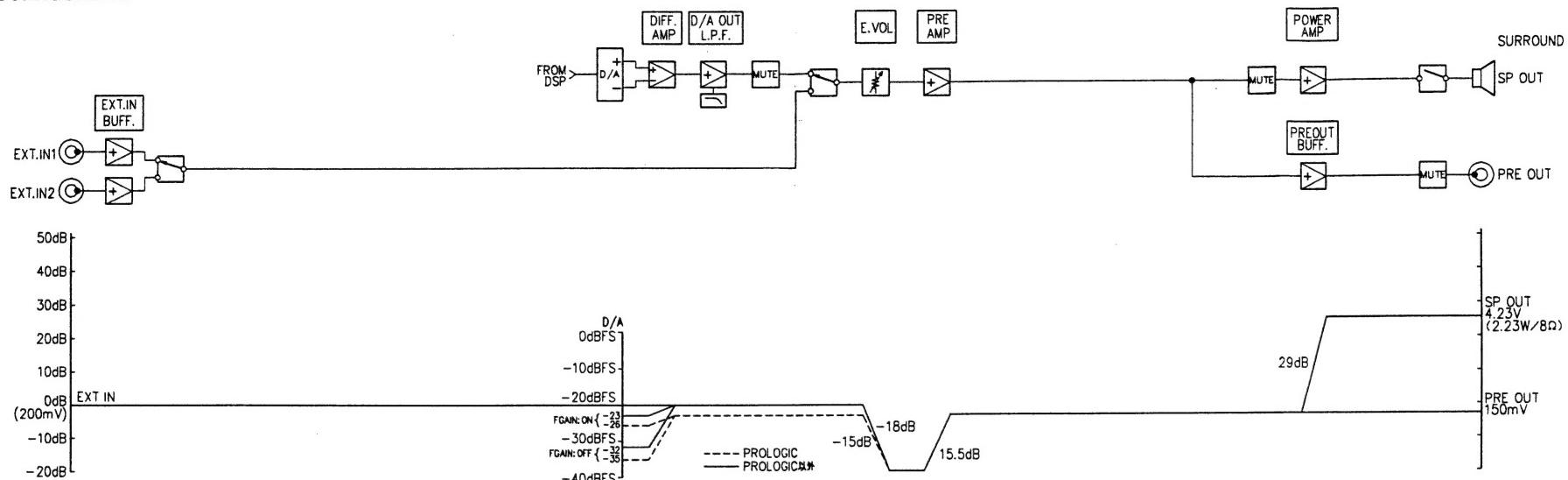
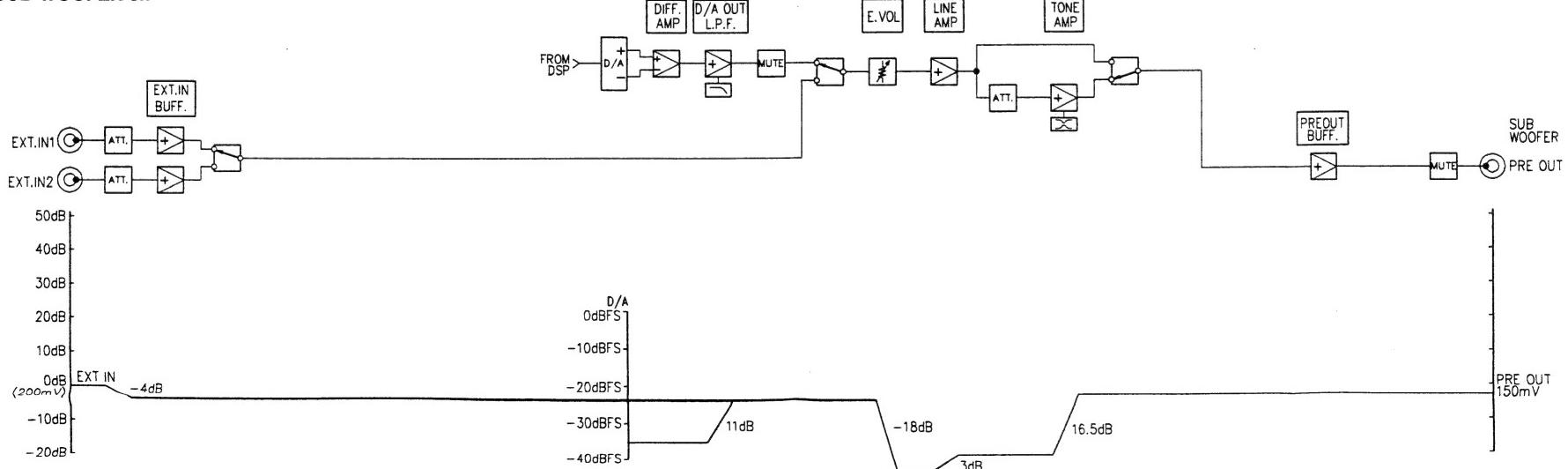
FRONT ch



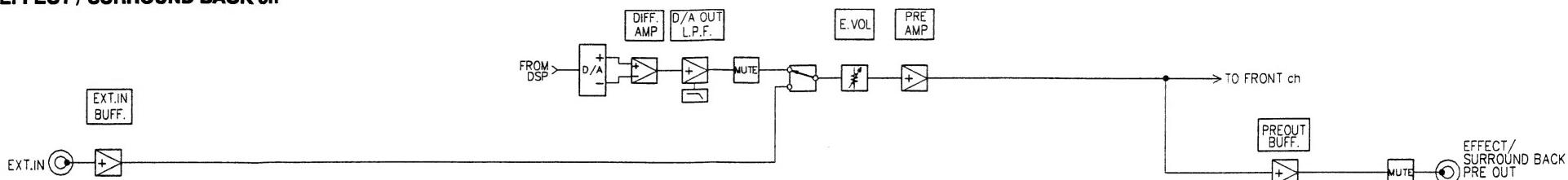
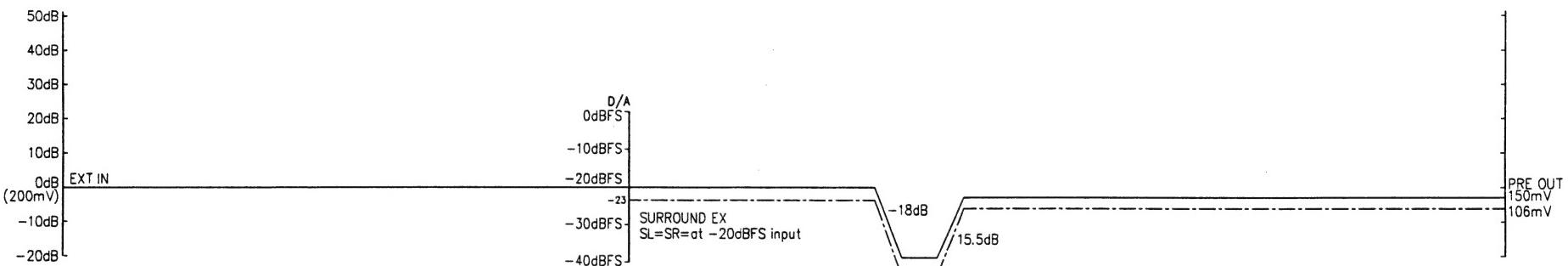
CENTER ch



1 2 3 4 5 6 7 8

SURROUND ch**A****B****C****D****E****SUB-WOOFER ch**

1 2 3 4 5 6 7 8

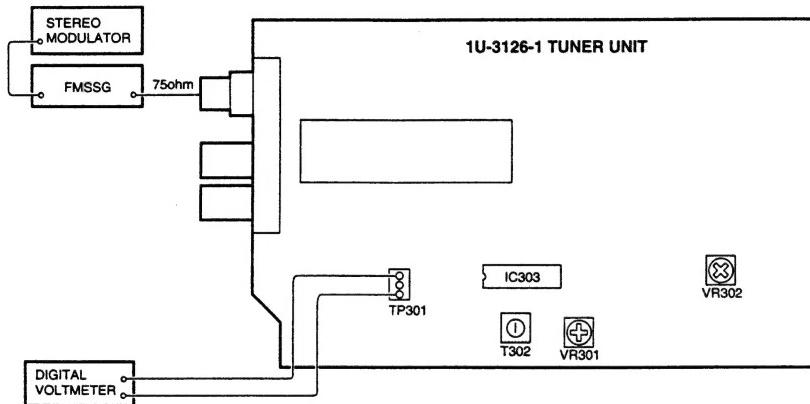
EFFECT / SURROUND BACK ch**A****B****C****D****E**

ADJUSTMENT

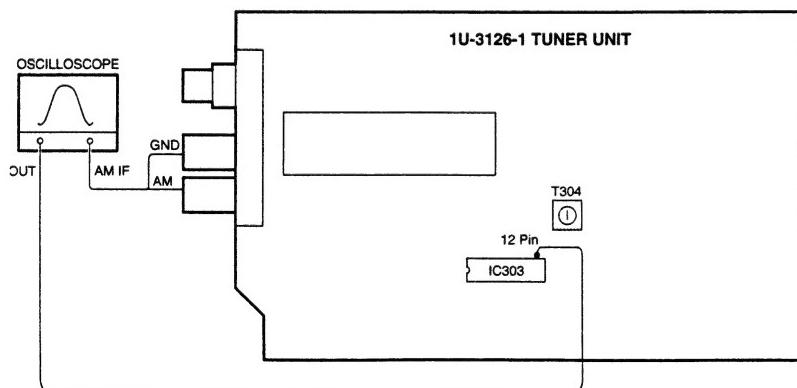
Tuner Section (AVR-4800 only)

CONNECTION DIAGRAM OF MEASURING INSTRUMENTS

● FM



● AM



FM/MPX ALIGNMENT						
Step	Alignment Item	Tuning Frequency Setting	Input Type	Modulation	Coupling	Output
1	Tuning Center	98.1 MHz	FM SSG	60 dB _μ	None	Antenna Terminal
				Stereo (L) 1kHz 100%		Digital Voltmeter
2	Separation	98.1 MHz	FM SSG	60 dB _μ	Antenna Terminal	AUDIO OUT
						Terminal (R)
3	Signal Level	98.1 MHz	FM SSG	20 dB _μ	Off	Antenna Terminal
						—
						VR301
						Light "TUNED" FLD Character

Function : FM Mode : Auto
 $\pm 50mV$
 Maximum Separation
 Light "TUNED" FLD Character

AM ALIGNMENT						
Step	Frequency	Input	Type	Connect to	Points	Adjustment
1	IF	—	IF SWEEP (Input level is not over to work A.G.C.)	Oscilloscope	IC303 12Pin	T304 Maximum height and best symmetry curve

Remarks

Audio Section**Idling Current (1U-3126-2)**

Required measurement equipment : DC Voltmeter

Preparation

(1) Avoid direct blow from an air conditioner or an electric fan, and adjust the unit at normal room temperature 15 °C ~ 30 °C (59 °F ~ 86 °F).

(2) Presetting

- POWER (Power source switch) → OFF
- SPEAKER (Speaker terminal) → No load (Do not connect speaker, dummy resistor, etc.)

Adjustment

(1) Remove top cover and set VR701, VR702, VR781, VR741, VR742, on 1U-3126-2 (Amp. Unit) at full counterclockwise (○) position.

(2) Connect DC Voltmeter to test points (FRONT-Lch: TP801, FRONT-Rch: TP802, CENTER ch: TP805, SURROUND-Lch: TP803, SURROUND-Rch: TP804).

(3) Connect power cord to AC Line, and turn power switch "ON".

(4) Presetting. MASTER VOLUME : "—" counterclockwise (○ min.)

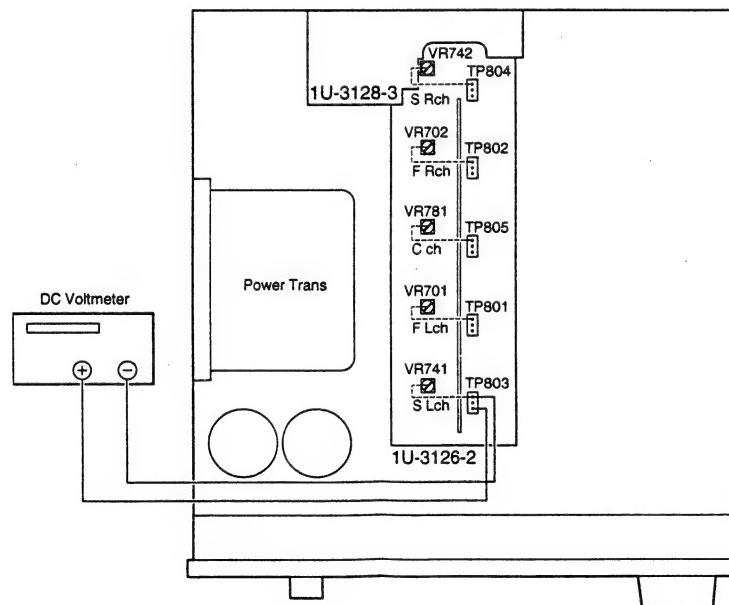
MODE : 5CH STEREO

FUNCTION : CD

(5) Within 2 minutes after the power on, turn VR701 clockwise (○) to adjust the TEST POINT voltage to 1.5 mV ±0.5 mV DC.

(6) After 10 minutes from the preset above, turn VR701 to set the voltage to 3 mV ±0.5 mV DC.

(7) Adjust the Variable Resistors of other channels in the same way.

**SEMICONDUCTORS****● IC's**

Note: Abbreviation ahead of IC No. indicates the name of P.W.B.

AU: Audio In & SP P.W.B. EX: Ext. In P.W.B.

TU: Tuner & Amp P.W.B. DA: D/A P.W.B.

MA: Main & Reg. P.W.B. TO: Tone, Pre-out

P.W.B.

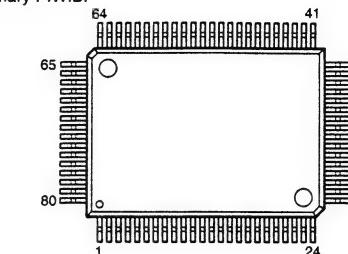
VI: Video & FLD P.W.B.

RE: Rectifier & Primary P.W.B.

DS: DSP P.W.B.

TMP88CU74F

(MA: IC201)

**TMP88CU74F Terminal Function**

Pin No.	Name	Symbol	I/O	Type	Op	Det	Res	Init	Function
1	P02/S01	OSD DATA	O	C	Eu	S	Z	L	OSD control output (M35015)
2	P03	OSD RST	O	C	—	—	Z	H	OSD control output (M35015)
3	P04	NU	O	C	—	—	Z	L	Open
4	P05	PLFL DATA	O	C	—	S	Z	L	PLL, FL control terminal (LC72131 & LC7511NE)
5	P06	NU	O	C	—	—	Z	L	Open
6	P07	PLFL CLK	O	C	—	S	Z	L	PLL, FL control terminal (LC72131 & LC7511NE)
7	Vss	Vss	I	—	GND	—	—	L	GND
8	Xout	Xout	O	—	—	—	—	—	XTAL
9	Xin	Xin	I	—	—	—	—	—	XTAL
10	RESET_	RESET_	I	—	Eu	Lv	L	—	Reset input
11	P22/XTOUT	NU	O	—	Eu	Lv	Z	L	Open
12	P21/XTIN	NU	O	—	Eu	Lv	Z	L	Open
13	TEST	TEST	I	—	GND	S	—	—	Connect to GND
14	P20/INT5_	B.DOWN_	I	—	Eu	Lv	Z	—	Power down detect (L: Power down)
15	P10/INT0_	PROTECT_	I	—	Ed	E&L	Z	—	PROTECTION detect input (L: Detected)
16	P11/INT1	S1	O	C	—	—	Z	L	Video switching control terminal
17	P12	SEL(C/F)	I	—	Eu	Lv	Z	—	Input selector SW rotary detect input (rotary encoder)
18	P13	SELD(F)	I	—	Eu	Lv	Z	—	Input selector SW rotary detect input (rotary encoder)
19	P14	SW L/R 7.1	O	C	—	—	Z	L	Surround back PREOUT muting control terminal (L: Mute)
20	P15/INT3	REMOCON	I	—	Ed	E&L	Z	—	Remote control signal input
21	P16/INT2	ACK	O	C	—	—	Z	L	MAIN-SUB CPU comm. control terminal
22	P17/INT4	REQ	I	—	Eu	—	Z	L	MAIN-SUB CPU comm. control terminal
23	P30/SCL	SI	I	(C)	—	—	—	—	MAIN-SUB CPU comm. control terminal
24	P31/SDA	SO	O	(C)	—	—	—	—	MAIN-SUB CPU comm. control terminal
25	P32/SCK0_	CLK	I/O	(C)	—	—	—	—	MAIN-SUB CPU comm. control terminal
26	P40/AIN0	MODE	I	—	Eu	Lv	Z	—	Destination switching input
27	P41/AIN1	KEY1	I	—	Eu	Lv	Z	—	Button input 1
28	P42/AIN2	KEY2	I	—	Eu	Lv	Z	—	Button input 2
29	P43/AIN3	KEY3	I	—	Eu	Lv	Z	—	Button input 3
30	P44/AIN4	KEY4	I	—	Eu	Lv	Z	—	Button input 4
31	P45/AIN5	FUNCT. CON CLK	O	C	Ed	—	Z	L	Function (TC9274N, TC9273) / Tone (TC9184P) control output
32	P46/AIN6	FUNCT. CON DATA	O	C	Ed	—	Z	L	Function (TC9274N, TC9273) / Tone (TC9184P) control output
33	P47/AIN7	S2	O	C	—	—	Z	L	Video switching control terminal
34	P50/AIN8	E.VOL STB-1	O	C	Ed	—	L	L	E. volume control output (TC9459)
35	P51/AIN9	EXT SW STB	O	C	Ed	—	L	L	EXT switch control output (TC9273)
36	P52/AIN10	E.VOL/EXT SW DATA	O	C	Ed	—	L	H	E. volume (TC9459)/ EXT switch (TC9273) control output
37	P53/AIN11	E.VOL/EXT SW CLK	O	C	Ed	—	L	H	E. volume (TC9459)/ EXT switch (TC9273) control output

Pin No.	Name	Symbol	I/O	Type	Op	Det	Res	Init	Function
38	VASS	VASS	I						Ref. V (GND)
39	VAREF	VAREF	I						Ref. V (VDD)
40	VDD	VDD	I						Power
41	P61	FL CE	I	P	Ed	S	L	H	FL display control output (LC75711NE)
42	P61	FL RES	O	P	Ed	S	L	H	FL display control output (LC75711NE)
43	P62	FUNC STBA	O	P	Ed	—	Z	L	Function control output (TC9274N) INPUT
44	P63	FUNC STBB	O	P	Ed	—	Z	L	Function control output (TC9273) REC OUT, REC INH
45	P64	TONE CON. STB	O	P	Ed	—	Z	L	TONE control output (TC9184P)
46	P65	STANDBY	O	P	Id	—	L	H	Standby LED drive output (H: Light)
47	P66	EXP OE	O	P	Ed	—	L	H	Port expander control terminal (TC4094B)
48	P67	EXP CLK	O	P	Ed	—	L	L	Port expander control terminal (TC4094B)
49	P70	EXP DATA	O	P	Ed	—	L	L	Port expander control terminal (TC4094B)
50	P71	EXP STB1	O	P	Ed	—	L	L	Port expander control terminal (TC4094B)
51	P72	LED CLK	O	P	—	S	Z	H	LED control terminal (M66313)
52	P73	LEDDATA	O	P	—	S	Z	H	LED control terminal (M66313)
53	P74	LED LE	O	P	—	—	Z	H	LED control terminal (M66313)
54	P75	LED OE	O	P	—	—	Z	H	LED control terminal (M66313), set input port at STBY
55	P76	MULTI MUTE	O	P	Ed	—	L	H	MULTI MUTE output (L: Mute)
56	P77	H/P RELAY	O	P	Id	—	L	L	H/P OUT relay control output (L: Mute)
57	P80	POWER	O	P	Id	—	L	H	Power relay control output (L: ON)
58	P81	RESET2	O	P	Id	—	L	H	Sub CPU control reset output (H: Reset control)
59	P82	F RELAY	O	P	Id	Lv	L	—	Front SP relay control terminal (L: Mute)
60	P83	C RELAY	O	P	Id	—	L	H	Center SP relay control terminal (L: Mute)
61	P84	SA RELAY	O	P	—	Lv	L	—	Surround SP relay A control terminal (L: Mute)
62	P85	SB RELAY	O	P	—	Lv	L	—	Surround SP relay B control terminal (L: Mute)
63	P86	PRE F MUTE	O	P	Ed	—	L	H	Front PREOUT mute control terminal (L: Mute)
64	P87	PRE C MUTE	O	P	—	Lv	L	—	Center PREOUT mute control terminal (L: Mute)
65	P90	PRE S MUTE	O	P	Ed	—	L	H	Surround PREOUT mute control terminal (L: Mute)
66	P91	SUB WOOFER MUTE	O	P	Ed	—	L	L	Sub-woofer PREOUT mute control terminal (L: Mute)
67	P92	S MONI DET	I	—	Eu	Lv	Z	—	S monitor connection detect input (L: connected)
68	P93	S SIG DET	I	—	Eu	Lv	Z	—	S signal detect input (H: Signal input)
69	P94	SYNC DET	I	—	Eu	Lv	Z	—	Sync. detect input (H: External sync.)
70	P95	SEL A (M)	I	—	Eu	Lv	Z	—	Master volume rotary detect input (rotary encoder)
71	P96	SEL B (M)	I	—	Eu	Lv	Z	—	Master volume rotary detect input (rotary encoder)
72	P97	H/P DET	I	—	Eu	Lv	Z	L	H/P input detect (H: Detect)
73	PD0	VOL MUTE	O	P	Ed	—	L	L	Master volume infinite control (L: Infinite)
74	PD1	SEL E (B)	I	—	Eu	Lv	Z	—	BASS volume rotary detect input (rotary encoder)
75	PD2	SEL F (B)	I	—	Eu	Lv	Z	—	BASS volume rotary detect input (rotary encoder)
76	PD3	SEL G (T)	I	—	Eu	Lv	Z	—	TREBLE volume rotary detect input (rotary encoder)
77	PD4	SEL H (T)	I	—	Eu	Lv	Z	—	TREBLE volume rotary detect input (rotary encoder)
78	Vkk	Vkk	—	—	—	—	—	—	Fixed to GND
79	P00/SCK1_	OSD CLK	O	C	Eu	S	Z	H	OSD control output (M35015)
80	P01/SI1	OSD STB1	O	C	Eu	—	Z	H	OSD control output (M35015)

NOTE:

Pin No. : Terminal number of microcomputer.

Port Name : The name entered in the data sheet of microcomputer.

Symbol : Symbolized interface function.

I/O : Input or out of part.

^T = Input port
^O = Output port

Type : Composition of port in case of output port.

^C = CMOS output
^N = NMOS open drain output
^P = PMOS open drain output

Op : Pull up/Pull down selection information.

^u = Inner microcomputer pull up
^d = Inner microcomputer pull down
^{Eu} = External microcomputer pull up
^{Ed} = External microcomputer pull down

Det : Indicates judging state of input port. Level detection is "Lv". Edge detection is "Ed". Detection by both shifting is "E&L".
 Serial data detection is "S" (Serial data output is also "S").

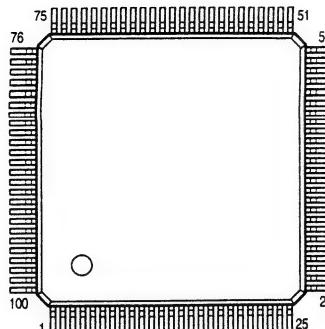
Res : State at reset.

^H = Outputs High Level at reset
^L = Outputs Low Level at reset
^Z = Becomes High impedance mode at reset

Init : Initial output state.

Function : Function and logical level explanation of signals to be interface.

TMP93CS41F
(DS: IC301)



TMP93CS41F Terminal Function

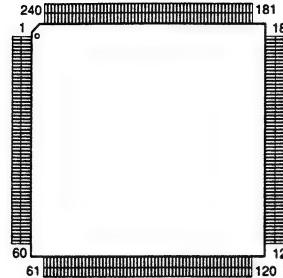
Pin No.	Name	Symbol	I/O	Type	Det	Op	Res	Init	Function
1	V REFL		—	—	—	—	—	—	A/D ref. GND
2	A Vss	↔	—	—	—	—	—	—	A/D GND
3	A Vcc	↔	—	—	—	—	—	—	AD +5V
4	_NMI	I	—	—	—	—	—	—	Not used (fixed to H)
5	P70/T10	_DEMOD RESET	O	C	—	Od	L	—	Demodulator reset output (L: Reset)
6	P71/T01	DEMOD ON	O	C	—	Od	L	—	Demodulator osc. control output (H: Osc.)
7	P72/T02	FAN1	O	C	—	Od	L	—	FAN control output (H: ON, L: OFF)
8	P73/T03	FAN2	O	C	—	Od	L	—	FAN control output (H: Hi, L: Low & off)
9	P90/INT4/T14	B.DOWN_	I	—	E&L	Eu	Z	—	Power down detect (L: Detected)
10	P81/INT5/T15	DSP ACK	I	—	E&L	—	—	—	Host I/F comm. response input (L: OK)
11	P82/T04	AC-3 RF DET	I	—	E&L	—	—	—	AC-3 RF signal judge input (L: AC-3 data input)
12	P83/T05	_REQ	O	C	—	Eu	H	—	MAIN-SUB CPU comm. control output (L: Comm. request from sub)
13	P84/INT6/T16	_ACK	I	—	E&L	Eu	—	—	MAIN-SUB CPU comm. control input (L: Ack. return from main)
14	P85/INT7/T17	ERR	I	—	E&L	—	—	—	DIR control input terminal (LC89055Q) (H: ERR)
15	P86/T06	_DSP RESET	O	C	—	Od	L	—	DSP reset output terminal (L: Reset)
16	P97/INT0	_CS	I	—	E&L	Od	—	—	DIR control input terminal (LC89055Q), when CH status change L→H
17	P90/TXDO	SI	O	C	—	—	—	—	MAIN-SUB CPU comm. control terminal (data output)
18	P91/TXDO	SO	I	—	—	—	—	—	MAIN-SUB CPU comm. control terminal (data input)
19	P92/_CT50/SCLK0	CLK	I/O	C	—	—	—	—	MAIN-SUB CPU comm. control terminal (I2C clock in/output)
20	P93/TXD1	NC	O	C	—	—	Z	L	Open
21	P94/RKD1	DIR MISO	I	—	Lv	—	—	—	DIR control input terminal (LC89055Q) control data input
22	P95/SCLK1	DIR CLK	O	C	—	—	Z	—	DIR control terminal (LC89055Q) control clock output
23	AM8/_16	↔	—	—	—	—	—	—	Fixed to +5V
24	CLK	O	C	—	Eu	—	—	—	+5V
25	Vcc	↔	—	—	—	—	—	—	GND
26	Vss	I/O1	—	—	—	—	—	—	+5V
27	X1	Xin	I	—	—	—	—	—	X'tal connection
28	X2	Xout	O	—	—	—	—	—	X'tal connection
29	_EA	↔	—	—	—	—	—	—	Fixed to +5V
30	_RESET	RESET2_	I	—	Lv	Eu	L	—	Reset input (controlled by main CPU)
31	P96/XT1	A/D RESET	O	N	—	Eu	H	H	A/D control terminal (L: Reset)
32	P97/XT2	ASIC RESET	O	N	—	Eu	H	H	ASIC control terminal (L: Reset)
33	TEST1	↔	I	—	—	—	—	—	Connected to TEST2
34	TEST2	↔	I	—	—	—	—	—	Connected to TEST1
35	PA0	DINA	O	C	—	Ed	L	—	Digital input switching control output
36	PA1	DINB	O	C	—	Ed	L	—	Digital input switching control output
37	PA2	DINC	O	C	—	Ed	L	—	Digital input switching control output
38	PA3	DIND	O	C	—	Ed	L	—	Digital input switching control output
39	PA4	DINE	O	C	—	Ed	L	—	Digital input switching control output
40	PA5	DOUTA	O	C	—	Ed	L	—	Digital input switching control output
41	PA6	DOUTB	O	C	—	Ed	L	—	Digital input switching control output
42	PA7/SCOUT	DOUTC	O	C	—	Ed	L	—	Digital input switching control output
43	ALE	↔	O	C	—	—	L	—	Address latch enable
44	Vcc	—	—	—	—	—	—	—	+5V
45	P00/A0D0	AD0	I/O	C	—	—	Z	L	EPROM data in D0 / address out A0
46	P01/A01	AD1	I/O	C	—	—	Z	L	EPROM data in D1 / address out A1
47	P02/A02	AD2	I/O	C	—	—	Z	L	EPROM data in D2 / address out A2
48	P03/AD3	AD3	I/O	C	—	—	Z	L	EPROM data in D3 / address out A3
49	P04/AD4	AD4	I/O	C	—	—	Z	L	EPROM data in D4 / address out A4
50	P05/AD5	AD5	I/O	C	—	—	Z	L	EPROM data in D5 / address out A5

Pin No.	Name	Symbol	I/O	Type	Det	Op	Res	Init	Function
51	P06/AD6	AD6	I/O	C	—	—	Z	L	EPROM data in D6 / address out A6
52	P07/AD7	AD7	I/O	C	—	—	Z	L	EPROM data in D7 / address out A7
53	P10/AD8/A8	A8	O	C	—	—	Z	L	EPROM address out A8
54	P11/AD9/A9	A9	O	C	—	—	Z	L	EPROM address out A9
55	P12/AD10/A10	A10	O	C	—	—	Z	L	EPROM address out A10
56	P13/AD11/A11	A11	O	C	—	—	Z	L	EPROM address out A11
57	P14/AD12/A12	A12	O	C	—	—	Z	L	EPROM address out A12
58	P15/AD13/A13	A13	O	C	—	—	Z	L	EPROM address out A13
59	P16/AD14/A14	A14	O	C	—	—	Z	L	EPROM address out A14
60	P17/AD15/A15	A15	O	C	—	—	Z	L	EPROM address out A15
61	_WDTOUT	↔	O	C	—	—	Z	H	Watch dog output
62	Vss	↔	—	—	—	—	—	—	GND
63	Vcc	↔	—	—	—	—	—	—	+5V
64	P20/A0/A16	A16	O	C	—	—	Z	L	EPROM address out A16
65	P21/A1/A17	96k-DAC	O	C	—	—	Z	L	Interpolation filter in DAC (AD1854) setting for 96k (H: 96k)
66	P22/A2/A18	ADIRCE	O	C	—	—	Z	L	DIR control terminal (LC89055Q) control chip enable output
67	P23/A3/A19	DIR MOSI	O	C	—	—	Z	L	DIR control terminal (LC89055Q) control data output
68	P24/A4/A20	DAC-RESET	O	C	—	Od	L	H	DAC control terminal (L:Power down, T: Reset, H: Normal)
69	P25/A5/A21	FGAIN	O	C	—	Od	L	L	IV AMP gain switching control output (L: Sub-woofer on)
70	P26/A6/A22	HDCD	O	C	—	Od	L	L	HDCD control terminal (fixed to L)
71	P27/A7/A23	SEL CK	O	C	—	—	Z	L	ADC/DIR data clock switching control terminal (L: ADC)
72	P30/_RD	_RD	O	C	—	—	Z	L	Flash memory control terminal
73	P31/_WR	_WR	O	C	—	—	Z	L	Flash memory control terminal
74	P32/_HWR	CSI	I	—	Lv	—	—	—	DIR control input terminal (L: PCM)
75	P33/_WAIT	ERR MUTE	O	C	—	Od	L	L	Pop noise preventive mute control output (L: Mute)
76	P34/_BUSRQ	_DSP REQUEST	O	C	—	—	Z	L	(ADSP21061L-A:RQ1_) host I/F interrupt request output (L: REQ)
77	P35/_BUSRQ	DIG.(AC39 MUTE)	O	C	—	Od	Z	L	Digital mute control output (L: AC-3 or DTS decode enable)
78	P36/_RW	WRITE	O	C	—	—	Z	L	DSP comm. control terminal (H: Data write)
79	P37/_RAS	DIR RESET	O	C	—	—	Z	L	DIR control output (LC89055Q) (L: Reset)
80	P40/NC50/_CAS0	NU (FLAG 1B)	I	—	Lv	—	—	—	Not used (ADSP21061L-B: FLAG 1B) input
81	P41/_CS1/_CAS1	NU (LFE PRESENCE)	I	—	Lv	—	—	—	Not used (ADSP21061L-B: FLAG 0B) LFE sig. detect input, H: Detected
82	P42/_CS2/_CAS2	_CS0	O	C	—	—	Z	L	Flash memory control terminal
83	P60/PG00	V01	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D16)
84	P61/PG01	V02	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D17)
85	P62/PG02	V03	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D18)
86	P63/PG03	V04	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D19)
87	P64/PG10	V05	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D20)
88	P65/PG11	V06	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D21)
89	P66/PG12	V07	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D22)
90	P67/PG13	V08	I/O	C	—	—	Z	L	DSP comm. terminal (ADSP21061L: D23)
91	Vss	↔	—	—	—	—	—	—	GND
92	P50/A0/A0	AUDIO LEVEL	I	—	Lv	Eu	Z	—	Signal level detect, set to A/D input
93	P51/A1/A1	POSI (FAN)	I	—	Lv	Eu	Z	—	Temperature detect, set to A/D input
94	P52/A2/A2	EMP	I	—	Lv	—	—	—	H: EMP on
95	P53/A3/A3	96k DET	I	—	Lv	—	—	—	96k signal detect input, H: 96k
96	P54/A4/A4	BUSY1	I	—	Lv	—	—	—	(ADSP21061L-A: FLAG2A)
97	P55/A5/A5	NU (FLAG 3A)	I	—	Lv	—	—	—	Not used (ADSP21061L-A: FLAG 3A)
98	P56/A6/A6	BUSY2	I	—	Lv	—	—	—	(ADSP21061L-B: FLAG2B) input
99	P57/A7/A7	—	I	—	Lv	—	—	—	—
100	P1 REFH	↔	—	—	—	—	—	—	AD ref. +5V

NOTE:

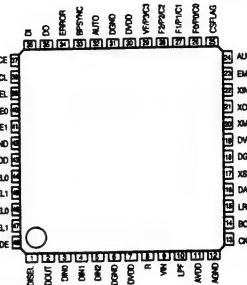
- Pin No. : Terminal number of microcomputer.
- Part Name : The name entered in the data sheet of microcomputer.
- Symbol : Symbolized interface function.
- I/O : Input or out of part.
- T = input port
" = Output port
- Type : Composition of port in case of output port.
" = CMOS output
" = NMOS open drain output
" = PMOS open drain output
- Op : Pull up/Pull down selection information.
"u" = Inner microcomputer pull up
"d" = Inner microcomputer pull down
"Eu" = External microcomputer pull up
"Ed" = External microcomputer pull down
- Det : Indicates judging state of input port. Level detection is "L"; Edge detection is "Ed"; Detection by both shifting is "E&L"; Serial data detection is "S" (Serial data output is also "S").
- Res : State at reset.
"H" = Outputs High Level at reset
"L" = Outputs Low Level at reset
"Z" = Becomes High impedance mode at reset
- Ini : Initial output state.
- Function : Function and logical level explanation of signals to be interface.

ADSST-21061LKS-176
(DS: IC103, 110)

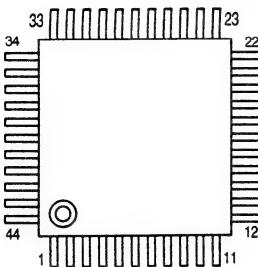
**ADSST-21061LKS-176 Terminal Function**

Pin No.	Pin Name										
1	TDI	41	ADDR20	81	TCLK0	121	DATA41	161	DATA14	201	NC
2	TRST	42	ADDR21	82	TFSO	122	DATA40	162	DATA13	202	NC
3	VDD	43	GND	83	DR0	123	DATA39	163	DATA12	203	NC
4	TDO	44	ADDR22	84	RCLK0	124	VDD	164	GND	204	NC
5	TIMEXP	45	ADDR23	85	RFS0	125	DATA38	165	DATA11	205	VDD
6	EMU	46	ADDR24	86	VDD	126	DATA37	166	DATA10	206	NC
7	ICSA	47	VDD	87	VDD	127	DATA36	167	DATA9	207	NC
8	FLAG3	48	GND	88	GND	128	GND	168	VDD	208	NC
9	FLAG2	49	VDD	89	ADRCLOCK	129	NC	169	DATA8	209	NC
10	FLAG1	50	ADDR25	90	READY	130	DATA35	170	DATA7	210	NC
11	FLAG0	51	ADDR26	91	HBG	131	DATA34	171	DATA6	211	NC
12	GND	52	ADDR27	92	CS	132	DATA33	172	GND	212	GND
13	ADDR0	53	EGND	93	RD	133	VDD	173	DATA5	213	NC
14	ADDR1	54	MS3	94	WR	134	VDD	174	DATA4	214	NC
15	VDD	55	MS2	95	GND	135	GND	175	DATA3	215	NC
16	ADDR2	56	MS1	96	VDD	136	DATA32	176	VDD	216	NC
17	ADDR3	57	MS0	97	GND	137	DATA31	177	DATA2	217	NC
18	ADDR4	58	SW	98	CLKIN	138	DATA30	178	DATA1	218	NC
19	GND	59	BMS	99	ACK	139	GND	179	DATA0	219	VDD
20	ADDR5	60	ADDR28	100	DMAG2	140	DATA29	180	GND	220	GND
21	ADDR6	61	GND	101	DMAG1	141	DATA28	181	GND	221	VDD
22	ADDR7	62	VDD	102	PAGE	142	DATA27	182	NC	222	NC
23	VDD	63	VDD	103	VDD	143	VDD	183	NC	223	NC
24	ADDR8	64	ADDR29	104	BR6	144	VDD	184	NC	224	NC
25	ADDR9	65	ADDR30	105	BR5	145	DATA26	185	NC	225	NC
26	ADDR10	66	ADDR31	106	BR4	146	DATA25	186	NC	226	NC
27	GND	67	GND	107	BR3	147	DATA24	187	NC	227	NC
28	ADDR11	68	SBTS	108	BR2	148	GND	188	VDD	228	GND
29	ADDR12	69	DMAR2	109	BR1	149	DATA23	189	NC	229	ID2
30	ADDR13	70	DMAR1	110	GND	150	DATA22	190	NC	230	ID1
31	VDD	71	HBR	111	VDD	151	DATA21	191	NC	231	DO
32	ADDR14	72	DT1	112	GND	152	VDD	192	NC	232	LBOOT
33	ADDR15	73	TCLK1	113	DATA47	153	DATA20	193	NC	233	RPBA
34	GND	74	TF51	114	DATA46	154	DATA19	194	NC	234	RESET
35	ADDR16	75	DR1	115	DATA45	155	DATA18	195	GND	235	EBOOT
36	ADDR17	76	RCLK1	116	VDD	156	GND	196	GND	236	IRQ2
37	ADDR18	77	RFS1	117	DATA44	157	DATA17	197	VDD	237	IRQ1
38	VDD	78	GND	118	DATA43	158	DATA16	198	NC	238	IRQ0
39	VDD	79	CRA	119	DATA42	159	DATA15	199	NC	239	TCK
40	ADDR19	80	DTO	120	GND	160	VDD	200	NC	240	TMS

LC89055W
(DS:IC531)



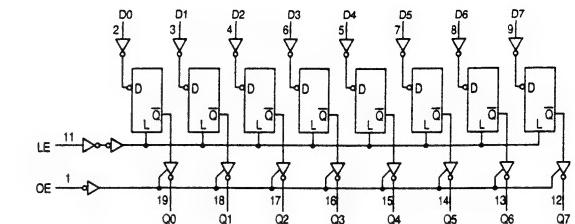
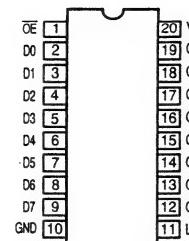
MSM32R0050-521GS
(DS: IC120)



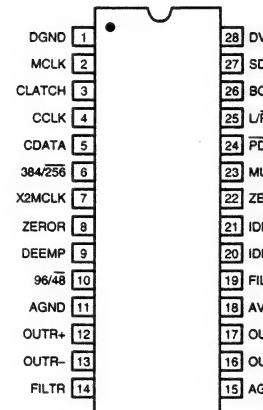
MSM32R0050-521GS Terminal Function

Pin No.	Name	I/O	Function	Pin No.	Name	Symbol	Function
1	Vcc	—		23	GND	—	
2	RFS0	O	RFS for DSP (64fs)	24	NC	—	
3	GND	—		25	NC	—	
4	RFS1	O	RFS for DSP (256fs)	26	Vcc	—	
5	GND	—		27	NC	—	
6	RFS1A	O	Same as RFS1	28	GND	—	
7	GND	—		29	NC	—	
8	DATA2	I	Output data from DSP	30	NC	—	
9	GND	—		31	NC	—	
10	DATA3	O	Data for L/R DAC	32	NC	—	
11	GND	—		33	MCK0	I	MCK for RFS1 generation
12	DATA4	O	Data for C/SW DAC	34	GND	—	
13	GND	—		35	LRCK0	I	LRCK for RFS0 generation
14	DATA5	O	Data for SL/SR DAC	36	GND	—	
15	GND	—		37	BCK0	I	BCK for RFS0 generation
16	DATA6	O	Data for SBL/SBR DAC	38	GND	—	
17	GND	—		39	GND	—	
18	LRCK1	O	LRCK for all DAC	40	Vcc	—	
19	Vcc	—		41	RESET	I	System reset (L: Reset)
20	BCK1	O	BCK for all DAC	42	CRESET	I	Clock reset (L: Reset)
21	GND	—		43	GND	—	
22	MCK1	O	MCK for all DAC	44	D.MUTE	I	DAC mute (L: Mute)

**SN74AHCT573PW (DS: IC111)
SN74LV573APW (DS: IC113, 302)**

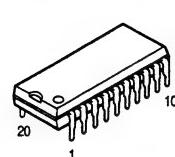


AD1854 (DA: IC304-307)



Pin No.	Name	I/O	Description
1	DGND	I	Digital Ground.
2	MCLK	I	Master Clock Input.
3	CLATCH	I	Latch input for control data.
4	CCLK	I	Control clock input for control data.
5	CDATA	I	Serial control input.
6	384/256	I	Selects the master clock mode.
7	X2MCLK	I	Selects internal clock doubler (LO) or internal clock=MCLK (HI).
8	ZEROR	O	Right Channel Zero Flag Output.
9	DEEMP	I	De-Emphasis.
10	96/48	I	Selects 48 kHz (LO) or 96 kHz Sample Frequency Control.
11	AGND	I	Analog Ground.
12	OUTR+	O	Right Channel Positive line level analog output.
13	OUTR-	O	Right Channel Negative line level analog output.
14	FILTR	O	Voltage Reference Filter Capacitor Connection.
15	AGND	I	Left Channel Zero Flag output.
16	OUTL+	O	Left Channel Negative line level analog output.
17	OUTL+	O	Left Channel Positive line level analog output.
18	AVDD	I	Analog Power supply.
19	FILTB	O	Filter Capacitor connection.
20	IDPM1	I	Input serial data port mode control one.
21	IDPM0	I	Input serial data port mode control zero.
22	ZEROL	O	Mute. Assert Hi to mute both stereo analog outputs.
23	MUTE	I	Power-Down/Reset.
24	L/RCLK	I	Left/Right clock input for input data.
25	BCLK	I	Bit clock input for input data.
26	SDATA	I	Serial input.
27	DVDD	I	Digital Power Supply.

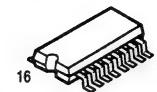
M35015-209SP (VI:IC310)



OSC1	1	Vdd
OSC2	2	VERT*
CS	3	HOR*
SCK	4	OSCIN
SIN	5	OSCOUT
AC	6	Vdd
CVIDEO	7	Vss
LECHA	8	P3
CVIN	9	P1
P0	10	P0
P1	11	P1
P2	12	P2
P3	13	P3
P4	14	P2
P5	15	P3
P6	16	P1
P7	17	P0
P8	18	P1
P9	19	P0
P10	20	Vdd1

M35015-209SP Terminal Function

Pin No.	Symbol	Name	I/O	Function
1	OSC1	Osc. circuit ext. terminal.	I	External terminal for indication oscillator circuit. Standard OSC. freq. is approx. 7MHz.
2	OSC2		O	With this OSC. freq., decides horizontal indicatin and character width.
3	CS	Chip select input	I	Chip select terminal and turns to "L" when transfer serial data. Hysteresis input. Pull up resistor is built-in.
4	SCK	Serial clock input	I	Takes in serial data of SIN at SCK rise when CS terminal is in "L". Hysteresis input. Pull up resistor is built-in.
5	SIN	Serial data input	I	Serial input of register for indication control and data, and address for indication data memory. Hysteresis input. Pull up resistor is built-in.
6	AC	Auto-clear input	I	Resets internal circuit of IC at "L" mode. Hysteresis input. Pull up resistor is built-in.
7	VDD2	Power supply	—	Power supply terminal of analog system. Connect to +5V.
8	CVIDEO	Combined video output	O	Output terminal of combined video signal. Outputs 2Vp-p combined signal. Character output, etc. Overlap CVIN signal and outputs at superimpose.
9	LECHA	Character level input	I	Input terminal deciding character output level in combined video signal. color of character is white.
10	CVIN	Combined video input	I	Input terminal of external combined video signal. Character output etc. overlap this external combined video signal.
11	Vss	Ground	—	Ground terminal. Connect to GND.
12	P0	Output port p0	O	General output or character background signal BL NK1* output is switchable. Polarity can be selected at ROM mask.
13	P1	Output port P1	O	General output or character background signal CO1* output is switchable. Polarity can be selected at ROM mask.
14	P2	Output port P2	O	General output or character background signal BLNK2* output is switchable. Polarity can be selected at ROM mask.
15	P3	Output port P3	O	General output or character background signal CO2* output is switchable. Polarity can be selected at ROM mask.
16	OSCOUT	Ext. terminal for sync sig. OSC. Circuit	O	Terminal for external use of sync signal OSC. circuit. Use the freq.: 14.32MHz at NTSC system, 17.73MHz at PAL. system, 14.30MHz at MPAL system.
17	OSCIN	Horizontal sync signal	I	Inputs horizontal sync signal. Hysteresis input.
18	HOR*	Vertical sync signal	—	Input vertical sync signal. Hysteresis input. Polarity can be selected at ROM mask.
19	VERT*		—	
20	VDD1	Power supply	I	Power supply terminal of digital system. Connect to +5V.

TC4094BF
(MA: IC202, 203)

STROBE	1	VDD
DATA	2	OE
CLOCK	3	Q5
Q1	4	Q4
Q2	5	Q3
Q3	6	Q2
Q4	7	Q1
Vss	8	Qs

IC202

Port	Symbol	Function
Q1	INA	Video input switching
Q2	INB	Video input switching
Q3	INC	Video input switching
Q4	RECA	Video output switching
Q5	RECB	Video output switching
Q6	RECC	Video output switching
Q7	V-1	Video REC OUT INH control
Q8	V-2	Video REC OUT INH control

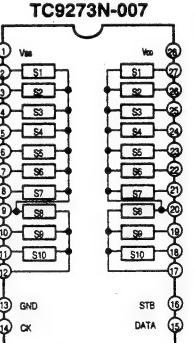
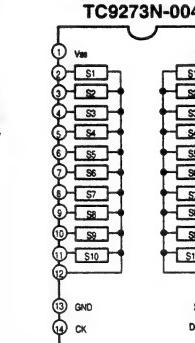
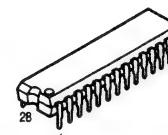
IC203

Port	Symbol	Function
Q1	—	Not used
Q2	F/SB SELECT	For main speaker select (L: Front, H: S. Back)
Q3	NU	Open (Fixed to L)
Q4	TONE_	Tone control (H: ON / DIRECT, THX, TEST TONE, PEAK LIMIT)
Q5	—	Not used
Q6	—	Not used
Q7	SP AGND	H: SURROUND SP A select only
Q8	DIRECT DVD/CD_	DIRECT DVD or CD switching (H: DVD analog direct)

TC9273N-004 (AU: IC111)

TC9273N-007 (TO: IC705)

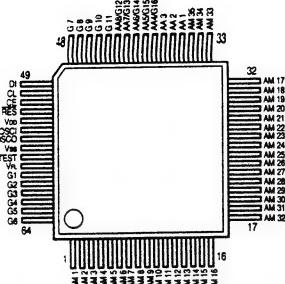
TC9273N-015 (EX: IC907-AVC-A10SE only)



TC9273N Terminal Function

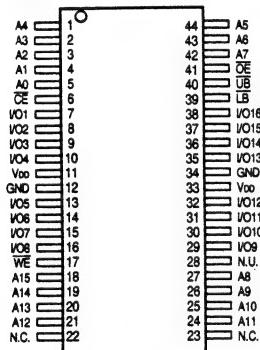
Pin No.	Symbol	Name	Function	Note
1	Vss	-Power Terminal	Dual Power Use: VDD = 8.0~17 V Single Power Use: VDD = 8.0~18V	
13	GND	Digital Ground	GND = 0V Vss = GND = 0V	
28	VDD	+Power Terminal	Vss = -8.0~17V	
2-12 17-27	S1-11	I/O Terminal	Input terminal of analog switch.	—
14	CK	Clock Input	Clock input for data transfer.	Low level Border Input
15	DATA	Data Input	Serial input for switch setting.	Terminal
16	STB	Strobe Input	Strobe input for data writing.	

LC75721E (VI: IC102)



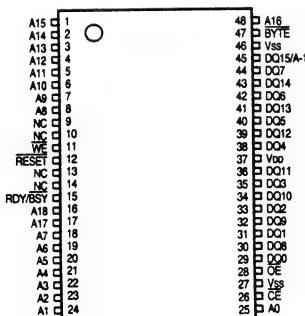
Symbol	Function
V _{DD}	Power terminal +5V
V _{SS}	Power terminal GND
V _{FL}	Power terminal FL drive
DI	Serial data transfer terminal
CL	CL: Data
CE	CE: Clock
OSCI	External CR connecting terminal
OSCO	
RES	System reset terminal
AM1-AM35	Anode output terminal
AA1-AA3	
AA4/G16	
AA5/G15	
AA6/G14	
AA7/G13	
AA8/G12	
G1-G11	Grid output terminal
TEST	LSI test terminal

TC55V1664BFT-12 (DS: IC108, 112)



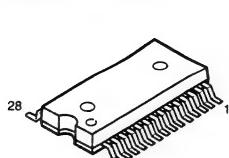
Symbol	Function
A0-A15	Address input
I/O1-I/O16	Data in/output
CE	Chip enable input
WE	Write enable input
OE	Output buffer control input
LB, UB	Data byte control input
V _{DD}	Power terminal (3.3V)
GND	GND
N.C.	No connection
N.U.	Unusable (input)

LH28F800BVE-BTL90 (DS: IC119)

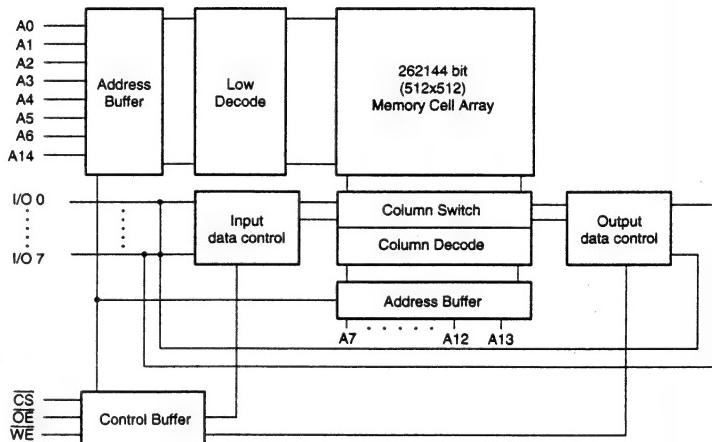


Symbol	Function
A0-A18	Address input
DQ0-DQ14	Data in/output
DQ15/A-1	Data in/output / Address input
CE	Chip enable input
OE	Output enable input
BYTE	Word/byte select input
WE	Write enable input
RDY/BSY	Ready/busy output
RESET	Hardware reset input
N.C.	No connection
V _{DD}	Power
V _{SS}	GND

BR62256F-70LL (DS: IC516-AVC-A10SE only)



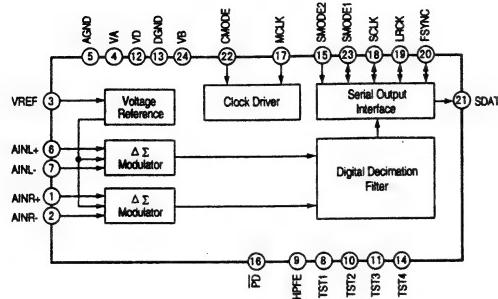
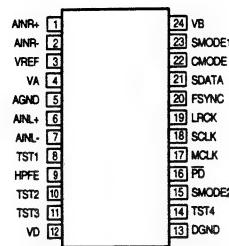
A14	1	28	V _{CC}
A12	2	27	WE
A7	3	26	A13
A6	4	25	A8
A5	5	24	A9
A4	6	23	A11
A3	7	22	OE
A2	8	21	A10
A1	9	20	CS
A0	10	19	I/O7
I/O6	11	18	I/O6
I/O1	12	17	I/O5
A/02	13	16	I/O4
V _{SS}	14	15	I/O3



BR62256F-70LL Terminal Function

Pin No.	Symbol	I/O	Function
1-10	A0-A9	I	32k byte memory address input.
11-13	I/O0-I/O2	I/O	8 bit data input/output.
14	V _{SS}	—	GND
15-19	I/O3-I/O7	I/O	8 bit data input/output.
20	CS	I	Chip select control input.
21	A10	I	32k byte memory address input.
22	OE	I	Output enable control input.
23-26	A11-A14	I	32k byte memory address input.
27	WE	I	Write enable control input.
28	V _{CC}	—	+5V power supply.

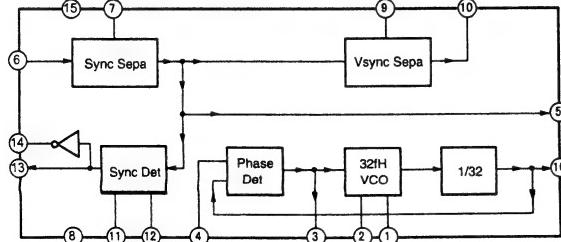
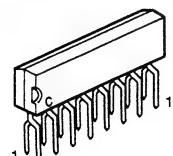
AK5351 (DS: IC527)



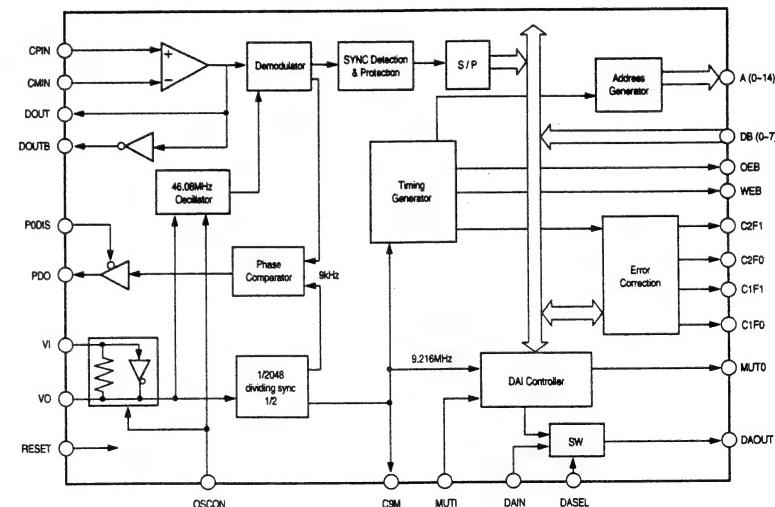
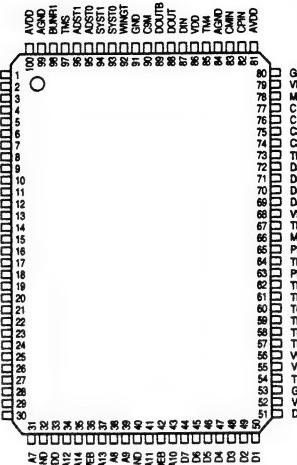
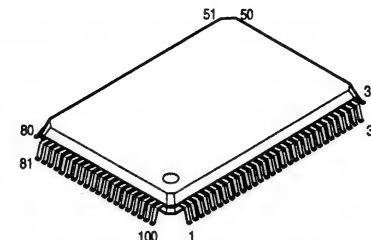
AK5351 Terminal Function

Pin No.	Symbol	I/O	Function
1	AINR+	I	Rch analog non-inverted input pin.
2	AINR-	I	Rch analog inverted input pin
3	VREF	O	Vref. output pin (VA-2.6V)
4	VA	—	Analog part power supply pin (+5V)
5	AGND	—	Analog ground pin
6	AINL+	I	Lch analog non-inverted input pin
7	AINL-	I	Lch analog inverted input pin
8	TST1	—	Test pin
9	HPFE	I	Hi-pass filter enable pin, "H": ON, "L": OFF
10	TST2	—	Test pin
11	TEST3	—	Test pin
12	VD	—	Digital part power supply pin (+5V)
13	DGND	—	Digital ground pin
14	TST4	—	Test pin
15	S MODE2	I	Interface clock select pin
16	PD	I	Power down pin, "L": power down mode
17	MCLK	I	Master clock input pin, CMODE="H": 384fs, "L": 256fs
18	SCLK	I/O	Serial data clock pin
19	LRCK	I/O	Input channel select pin
20	FSYNC	I/O	Frame sync clock pin
21	SDATA	O	Serial data output pin
22	CMODE	I	Master clock select pin, "H": MCLK=384fs, "L": 256fs
23	S MODE2	I	Interface clock select pin
24	VB	—	Bulk power supply pin (+5V)

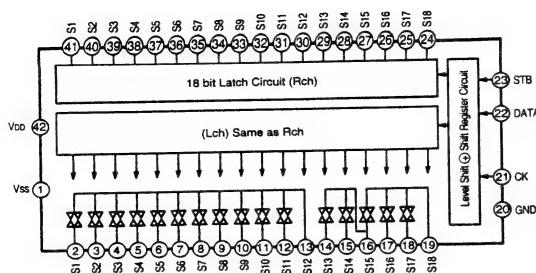
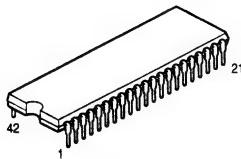
NJM2229S (VI: IC312)



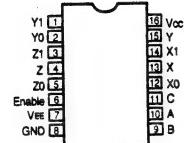
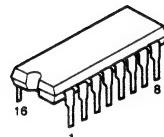
PM4007A (DS: IC512-AVC-A10SE only)



TC9274N-011 (AU: IC110)



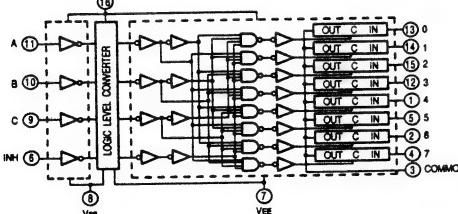
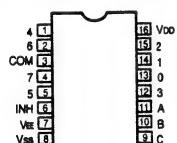
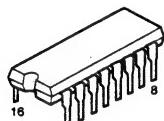
MC74HC4053N (VI: IC309)



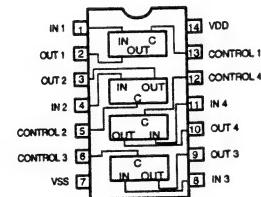
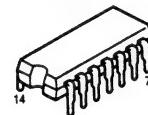
Control inputs			ON Switches	
Select				
Enable	C	B	A	
L	L	L	ZD Y0 X0	
L	L	L	ZD Y0 X1	
L	L	H	ZD Y1 X0	
L	L	H	ZD Y1 X1	
L	H	L	Z1 Y0 X0	
L	H	L	Z1 Y0 X1	
L	H	H	Z1 Y1 X0	
L	H	H	Z1 Y1 X1	
H	X	X	X	None

X = Don't Care

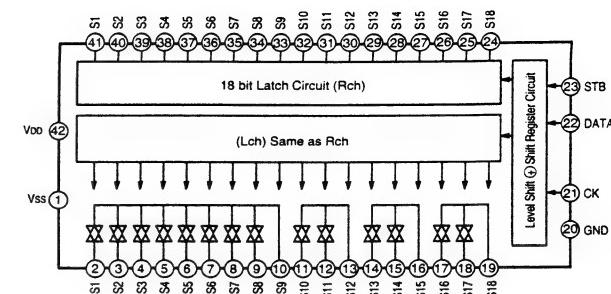
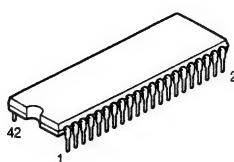
BU4051BC (VI: 304, 305, 403, 404, 407, 408)



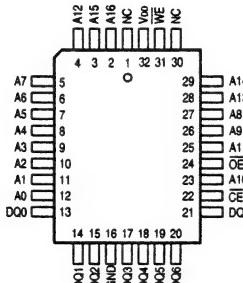
HD14066BP (VI: IC307, 411)



TC9274N-012 (EX: IC906)



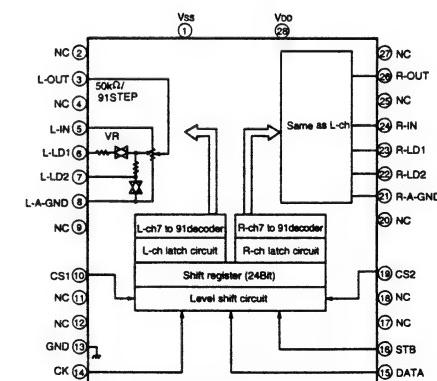
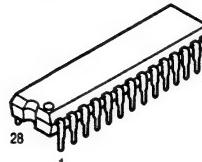
W29EE011P-90 (DS: IC303)



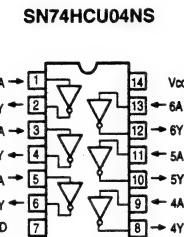
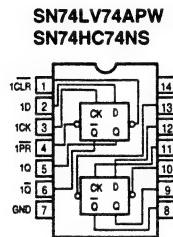
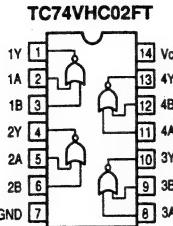
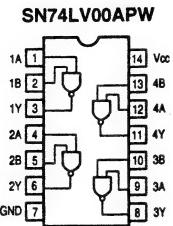
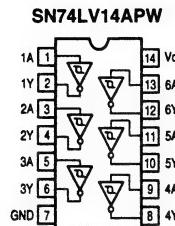
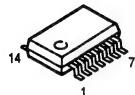
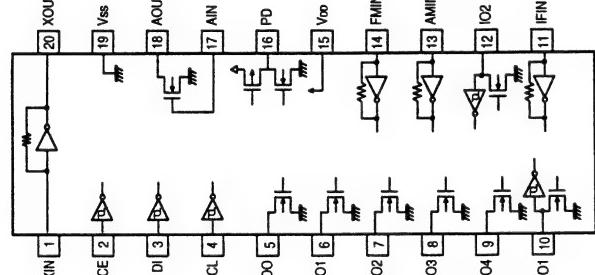
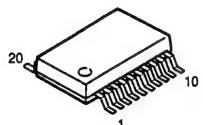
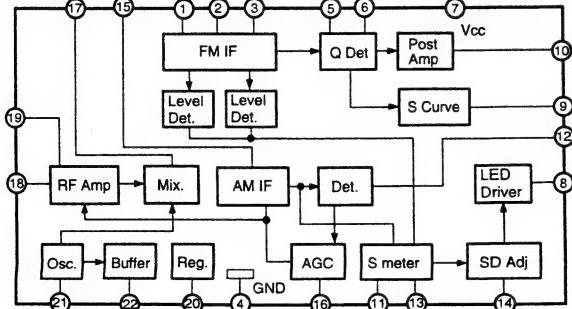
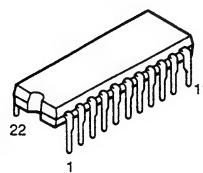
Terminal Function

Name	Function
A0 - A16	Address input
DQ0 - DQ7	Data in/output
\overline{CE}	Chip enable
\overline{OE}	Output enable
\overline{WE}	Write enable
V _{DD}	Power terminal
GND	GND
NC	No connection

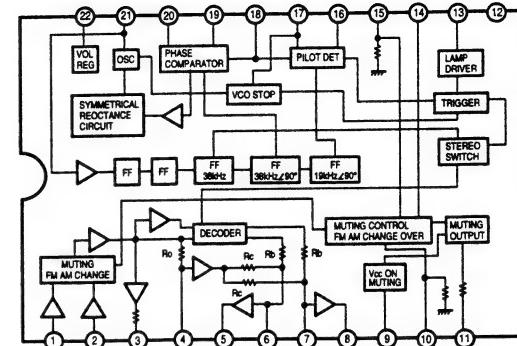
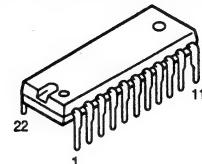
TC9459N (EX: IC505~508)



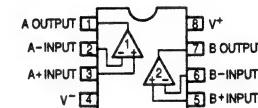
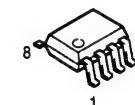
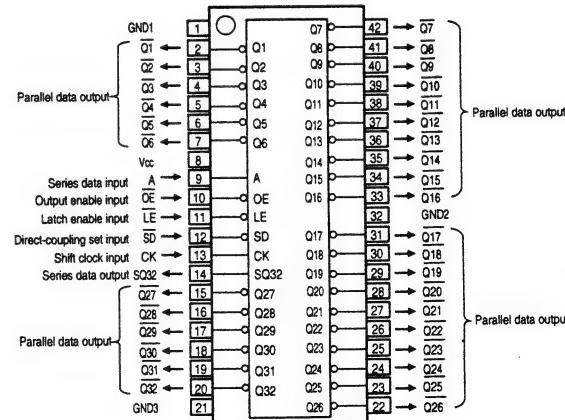
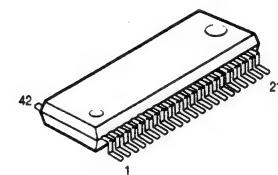
SN74LV14APW
(DS: IC530, 532)
SN74LV00APW
(DS: IC102, 122, 524, 529)
TC74VHC02FT
(DS: IC109)
SN74LV74APW
(DS: IC105)
SN74HC74NS
(DA: IC302)
SN74HCU04NS
(TO: IC471)

**LC72131M (TU: IC307-AVR-4800 only)****LA1265 (S) (TU: IC303-AVR-4800 only)**

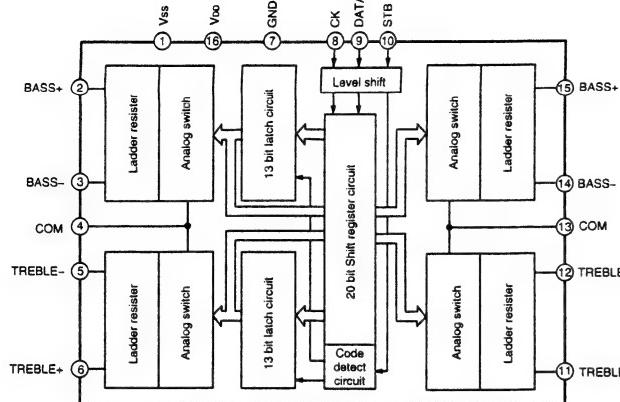
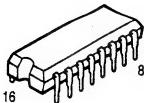
LA3401
(TU: IC302-AVR-4800 only)

**BA15218F (TU: IC310-AVR-4800 only, TO: IC609, 901)**

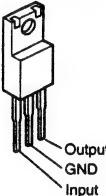
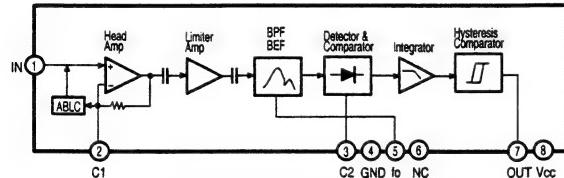
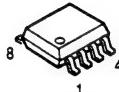
NJM2068MD
(AU: IC101~109, 112, 251, 253)
(MA: IC204)
(DA: IC701~704, 801~804)
(TO: IC701~704, 801)
(EX: IC801~803, 807, 901~904)
BA4510F (DS: IC651, 652)
NJM5532MD
(TO: IC601, 603)
(EX: IC601, 603, 605, 607)
(DA: IC801~804)

**M66313FP (VI: IC101)**

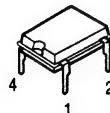
TC9184AP (TO: IC602, 604)



CXA1511M (RE:IC908)

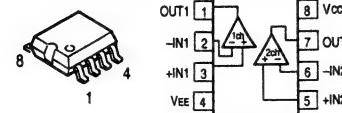


**SG-8002DCPT (12.287MHz)
(DS:IC528)**

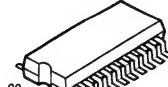


OE [1] 4 OU
Vss [2] 3 Vdd

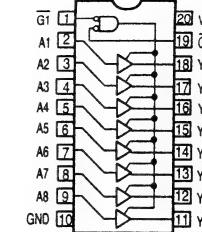
BA4560F
(DS:IC511-AVC-A10SE only)



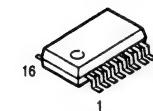
TC74VHC541FT (DS: IC114)
TC74VHCT541AFT (DS: IC116)



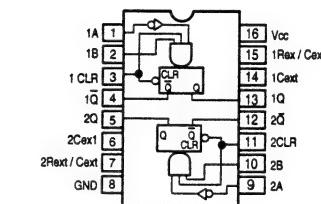
TK15420D
(VI: IC301, 302, 308, 311, 401, 402,
406, 409, 412, 413)
(RE: IC372, 373)
(DS: IC507)



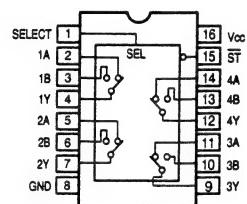
TC74VHC123AFT
(DS: IC517, 523)
SN74AHC157PW
(DS: IC525)
TC74HCT157AF
(DA: IC301, 303)
SN74HC151NS
(DS: IC509, 510, 513)



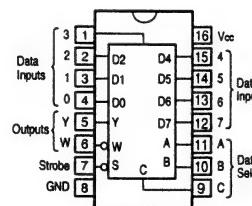
TC74VHC123AF



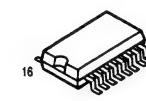
SN74AHC157PW
TC74HCT157AF



SN74HC151NS



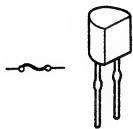
TC4052BF (RE: IC371, 374)



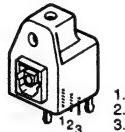
0Y	1	16	Vcc
2Y	2	15	2X
Y-COM	3	14	1X
3Y	4	13	X-COM
1Y	5	12	0X
INH	6	11	3X
Vee	7	10	A
GND	8	9	B

● IC PROTECTOR

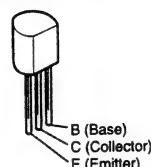
ICP-N15 (RE: IC702)



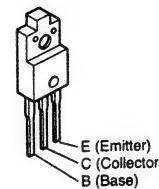
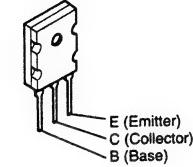
● OPTICAL

INPUT
GP1F37R1 (DS: IC501-505)1. V_{cc}
2. GND
3. V_{out}OUTPUT
GP1F38T2 (DS: IC506)1. V_{in}
2. V_{cc}
3. GND

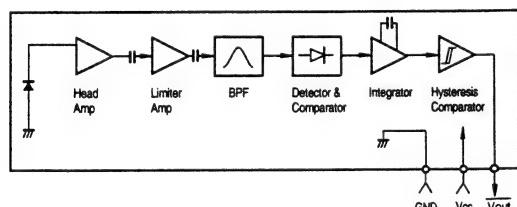
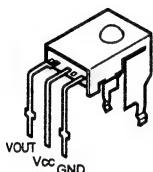
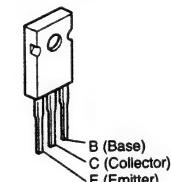
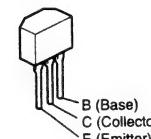
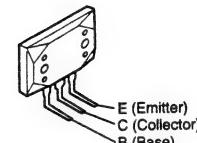
● TRANSISTORS

2SA970 (BL)
2SA988 (E/F)
2PC1815 (BL)
2SC1841 (E/F)B (Base)
C (Collector)
E (Emitter)

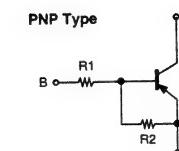
2SD1762 (E/F)

E (Emitter)
C (Collector)
B (Base)2SA1489
2SA1491
2SC3855E (Emitter)
C (Collector)
B (Base)

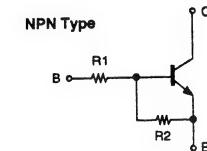
● OTHERS

GP1U271X (Remote Control Sensor)
(TO: IC401)HG-8002JA (X'tal Oscillator)
(DS: IC115)1. OE or ST
2. GND
3. OUT
4. V_{dd}2SA1546 (L)
2SC4001 (M/L)DTA114ES
DTC143ES
DTC144ESB (Base)
C (Collector)
E (Emitter)MN1715
MP1715E (Emitter)
C (Collector)
B (Base)

DTA114ES

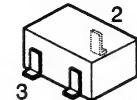


	R1	R2
DTA114ES	10kohm	10kohm
DTC143ES	4.7kohm	4.7kohm

DTC143ES
DTC144ES

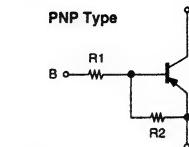
	R1	R2
DTC143ES	4.7kohm	4.7kohm
DTC144ES	47kohm	47kohm

DTA114EK
DTA114TK (AVR-4800only)
DTA144EK
DTA144EK
DTC144EK
DTC323TK (AVR-4800only)
RN2402 (AVR-4800only)

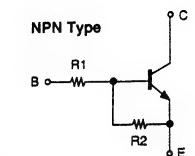


1: GND/(Emitter)
 2: Output/(Collector)
 3: Input/(Base)

DTA114EK
DTA114TK
DTA144EK
RN2402

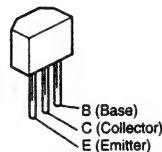


DTC114EK
DTC144EK
DTC323TK

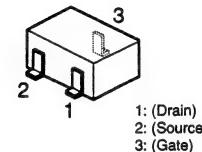


	R1	R2
DTA114EK	10kohm	10kohm
DTA114TK	10kohm	—
DTA144EK	47kohm	47kohm
RN2402	10kohm	10kohm

	R1	R2
DTC114EK	10kohm	10kohm
DTC144EK	47kohm	47kohm
DTC323TK	2.2kohm	—

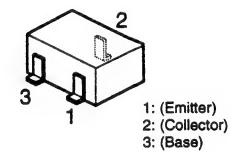
2SC1740S (S)

B (Base)
 C (Collector)
 E (Emitter)

2SK771

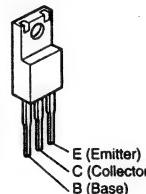
1: (Drain)
 2: (Source)
 3: (Gate)

2SA1037K (S/R)
2SA1182 (Y/O)
2SB709A
2SC2412K (S)
2SD601A
2SC2996
2SC3326 (A/B)

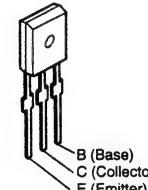


1: (Emitter)
 2: (Collector)
 3: (Base)

2SA1725 (O/P/Y)
2SC4495
2SC4511 (O/P/Y)

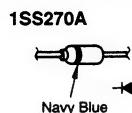


E (Emitter)
 C (Collector)
 B (Base)

2SB1328

B (Base)
 C (Collector)
 E (Emitter)

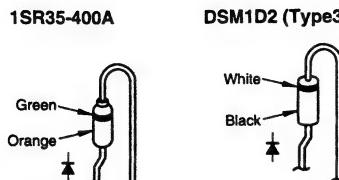
● DIODES (LED Included)



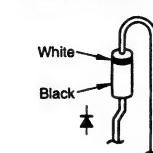
HZS4C-1 HZS16-1
HZSSA-1 MTZJ9.1A
HZ12A-1 MTZJ18A
MTZJ3.3A MTZJ36A
MTZJ5.6A
MTZJ6.2A
MTZJ6.8A

Lake Blue (HZS series)
Black (MTZJ series)

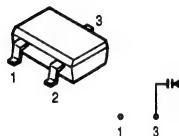
1SR35-400A



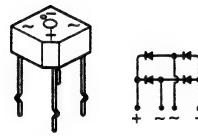
DSM1D2 (Type3)



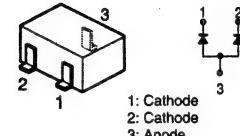
KV1851-TL



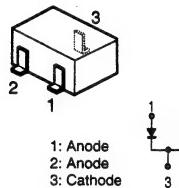
S4VB20



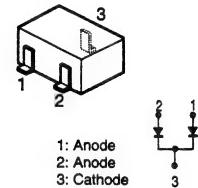
DAP202K



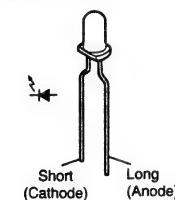
DAN202K



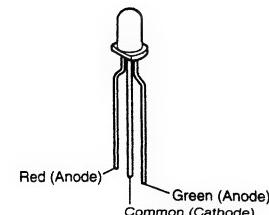
MA151WK



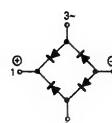
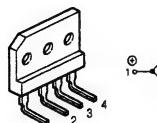
SEL1210S (Red)
SEL-1210R (Red)
SEL1410E (Green)
SEL-4214S



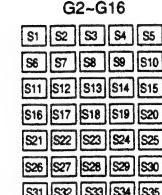
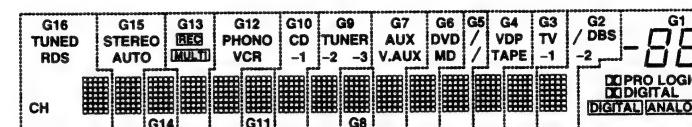
SML1216W



RBV-1506



FL DISPLAY CM1690C (VI : FL101)



Pin Assignment

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CONNECTION	F1	F1	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18
PIN NO.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CONNECTION	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37	S38

F1,F2 : Filament
G1~G16 : Grid
S1~S38 : Anode

Anode & Grid Assignment

	G1	G2-G16		G1	G2-G16		G1	G2-G16		G1	G2-G16
S1	S1	S1	S10	S10	S10	S19	—	S19	S28	—	S28
S2	S2	S2	S11	S11	S11	S20	—	S20	S29	—	S29
S3	S3	S3	S12	S12	S12	S21	—	S21	S30	—	S30
S4	S4	S4	S13	S13	S13	S22	—	S22	S31	—	S31
S5	S5	S5	S14	S14	S14	S23	—	S23	S32	—	S32
S6	S6	S6	S15	S15	S15	S24	—	S24	S33	—	S33
S7	S7	S7	S16	S16	S16	S25	—	S25	S34	—	S34
S8	—	S8	S17	S17	S17	S26	—	S26	S35	—	S35
S9	S9	S9	S18	S18	S18	S27	—	S27	—	—	—

	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10	G11	G12	G13	G14	G15	G16
S36	DIGITAL	/	TV	VDP	/DVD	DVD	AUX	—	TUNER	CD	—	PHONO	REC	—	STEREO	TUNED
S37	ANALOG	-2	-1	TAPE	/MD	MD	V.MAX	—	-2	-1	—	VCR	MULTI	—	AUTO	RDS
S38	S38	DBS	—	—	—	—	—	—	-3	—	—	—	—	—	—	CH

PRINTED WIRING BOARDS

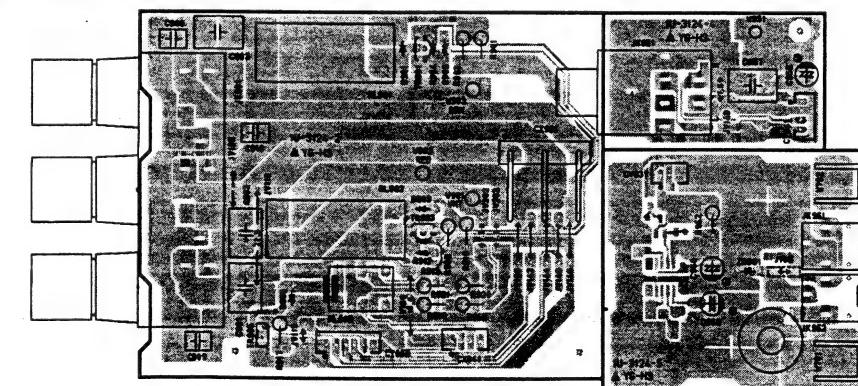
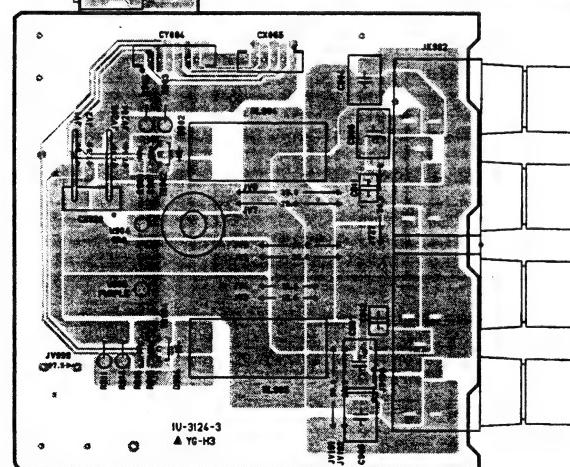
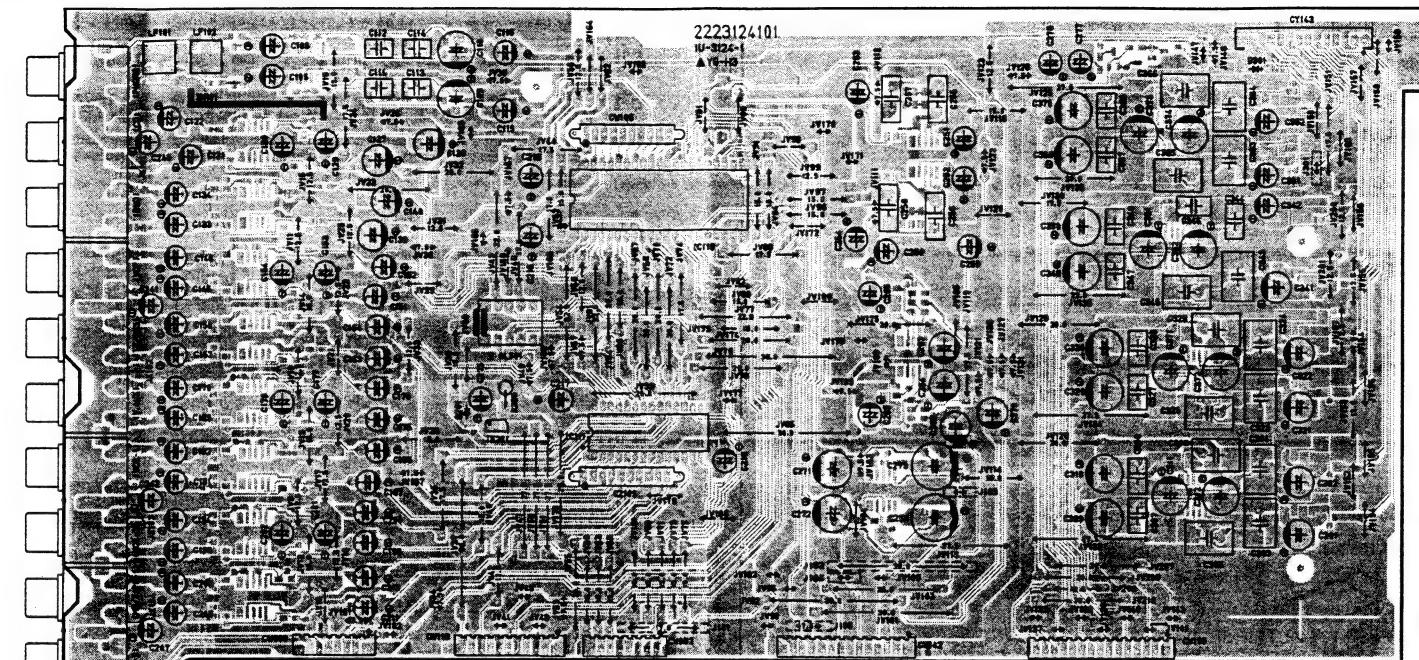
1

2

•

8

1U-3124 AUDIO IN & SP P.W.B. UNIT Ass'y



COMPONENT SIDE

1

2

3

4

5

6

7

8

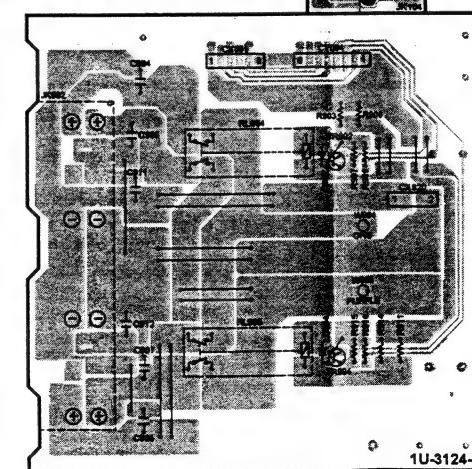
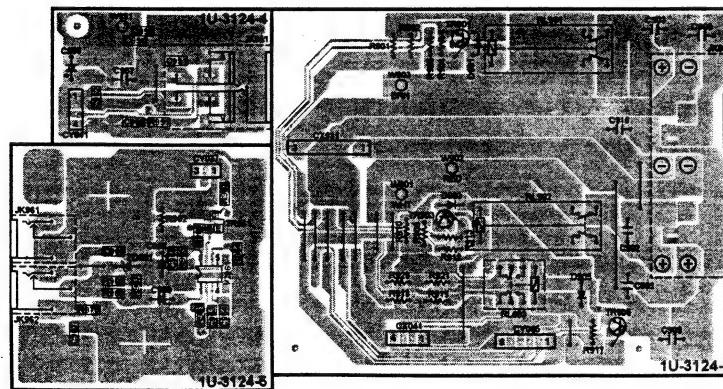
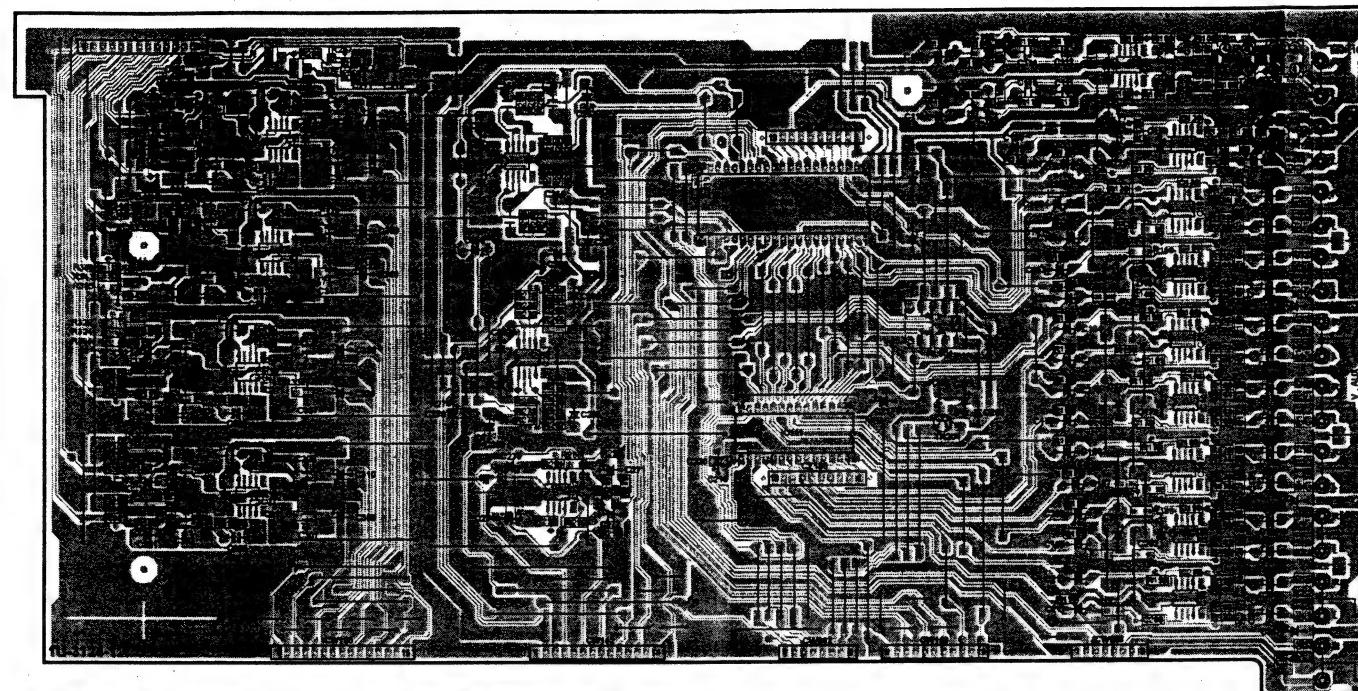
A

B

C

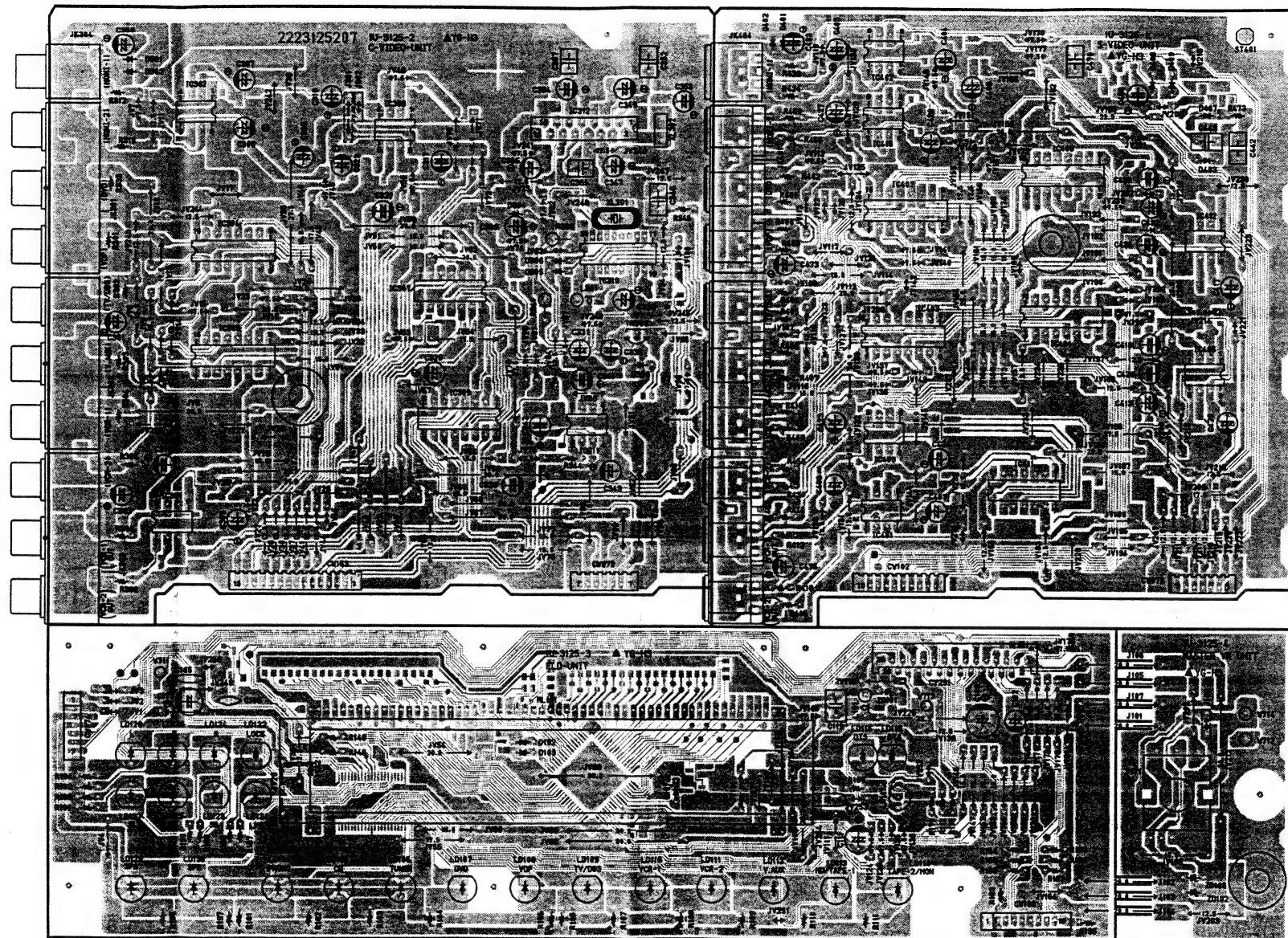
D

E



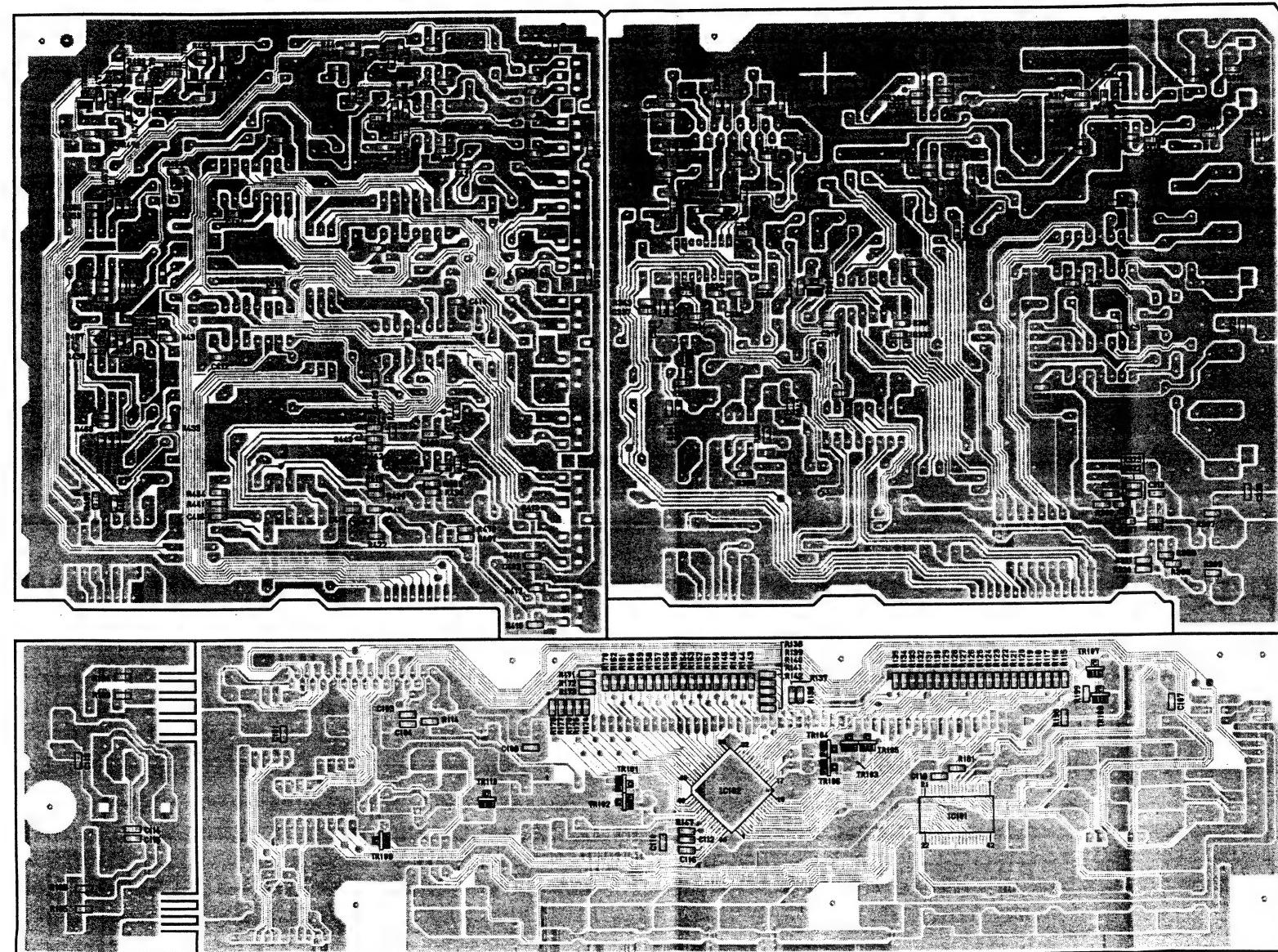
2 3 4 5 6 7 8

1U-3125 VIDEO & FLD UNIT



COMPONENT SIDE

1 2 3 4 5 6 7 8



FOIL SIDE

1

2

6

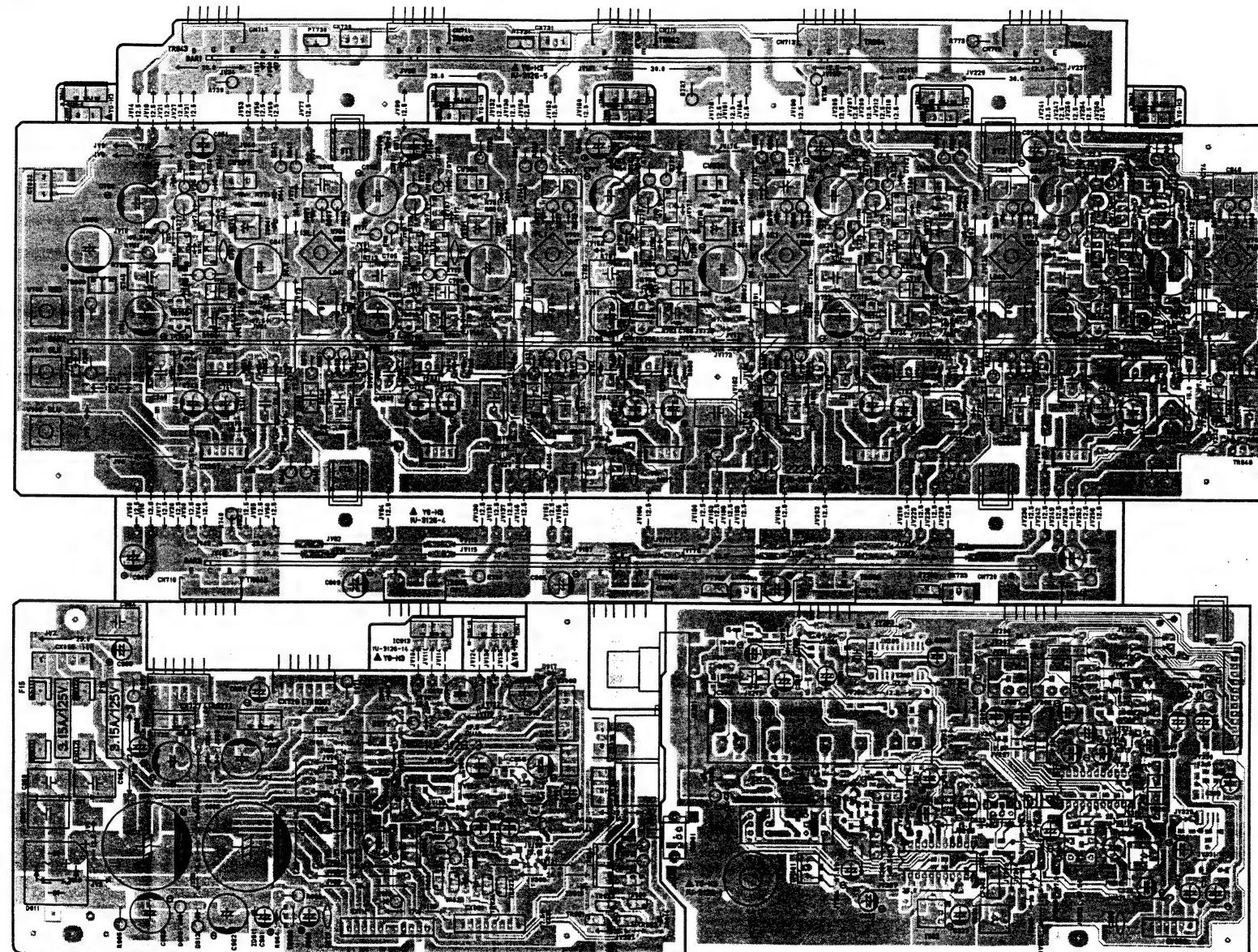
17

6

7

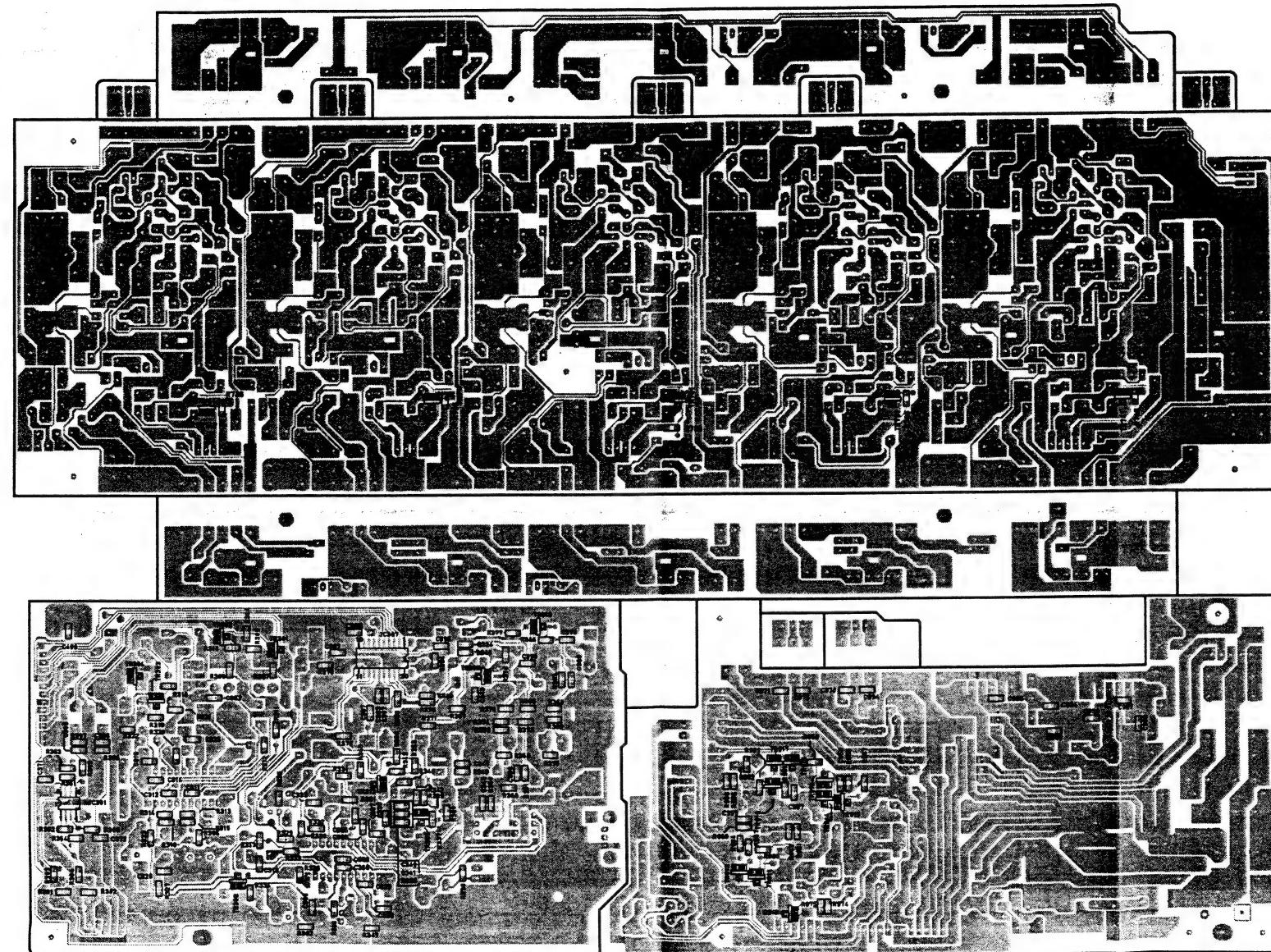
8

1U-3126 TUNER & AMP UNIT



COMPONENT SIDE

1 2 3 4 5 6 7 8

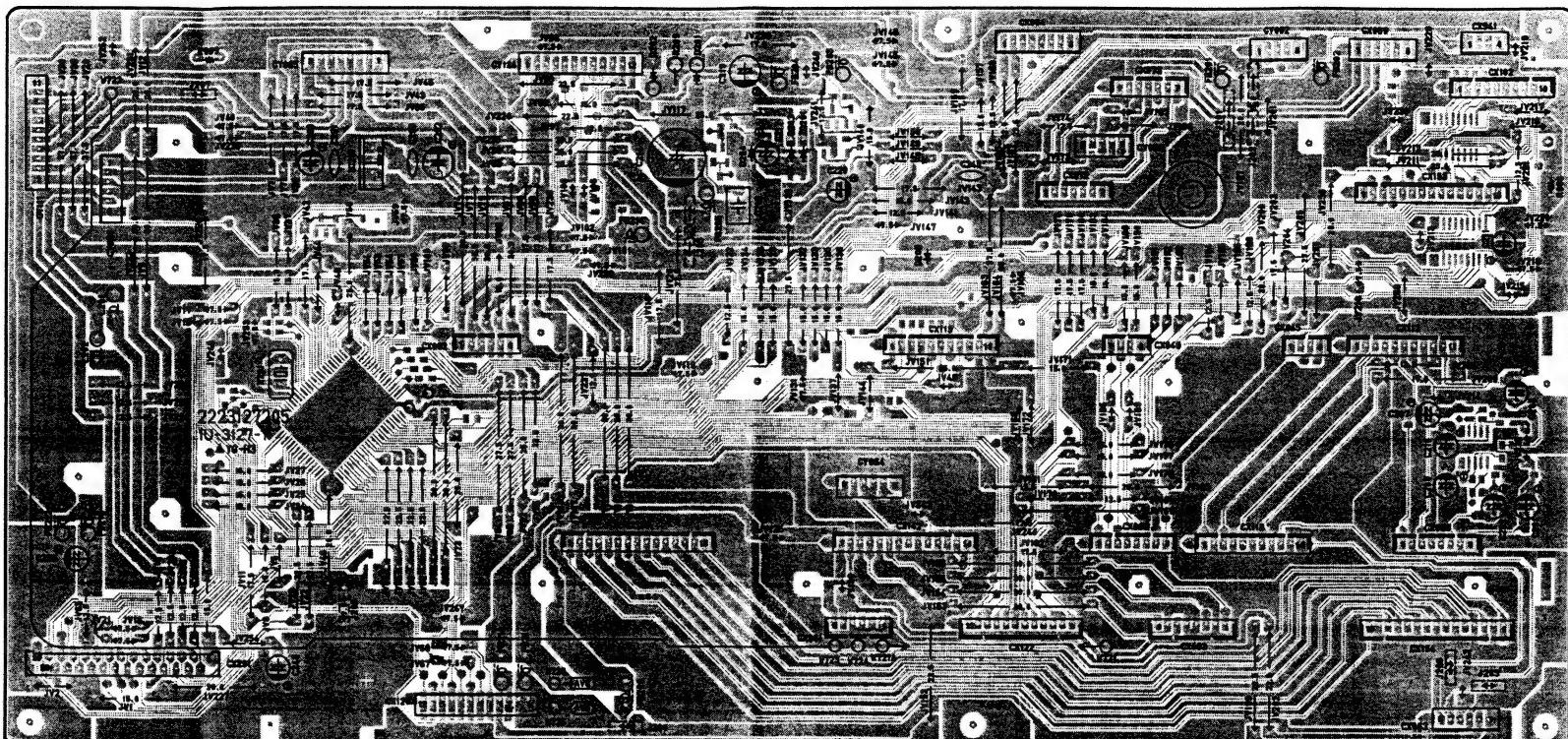


FOIL SIDE

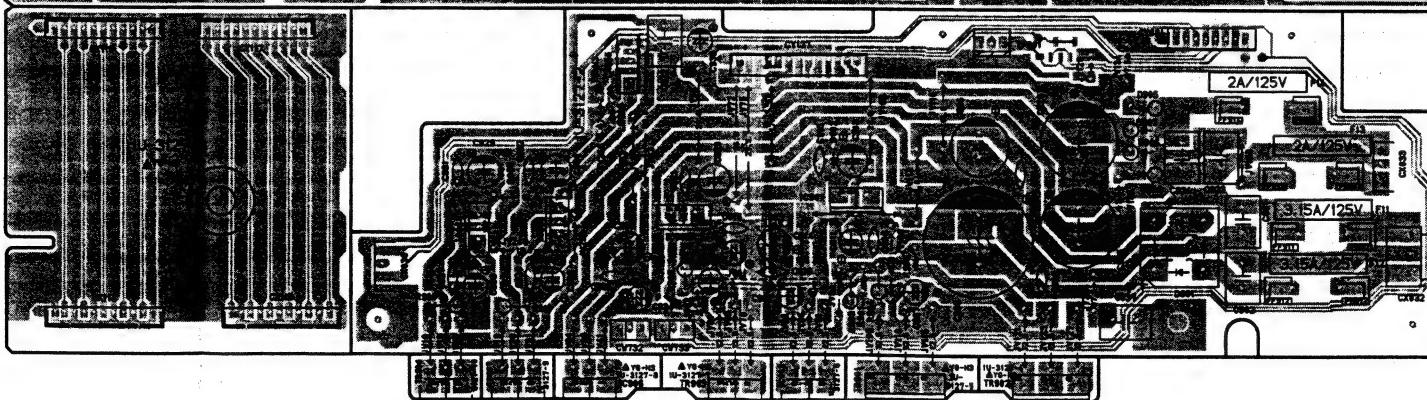
1 2 3 4 5 6 7 8

1U-3127 MAIN & REG. UNIT

A



B



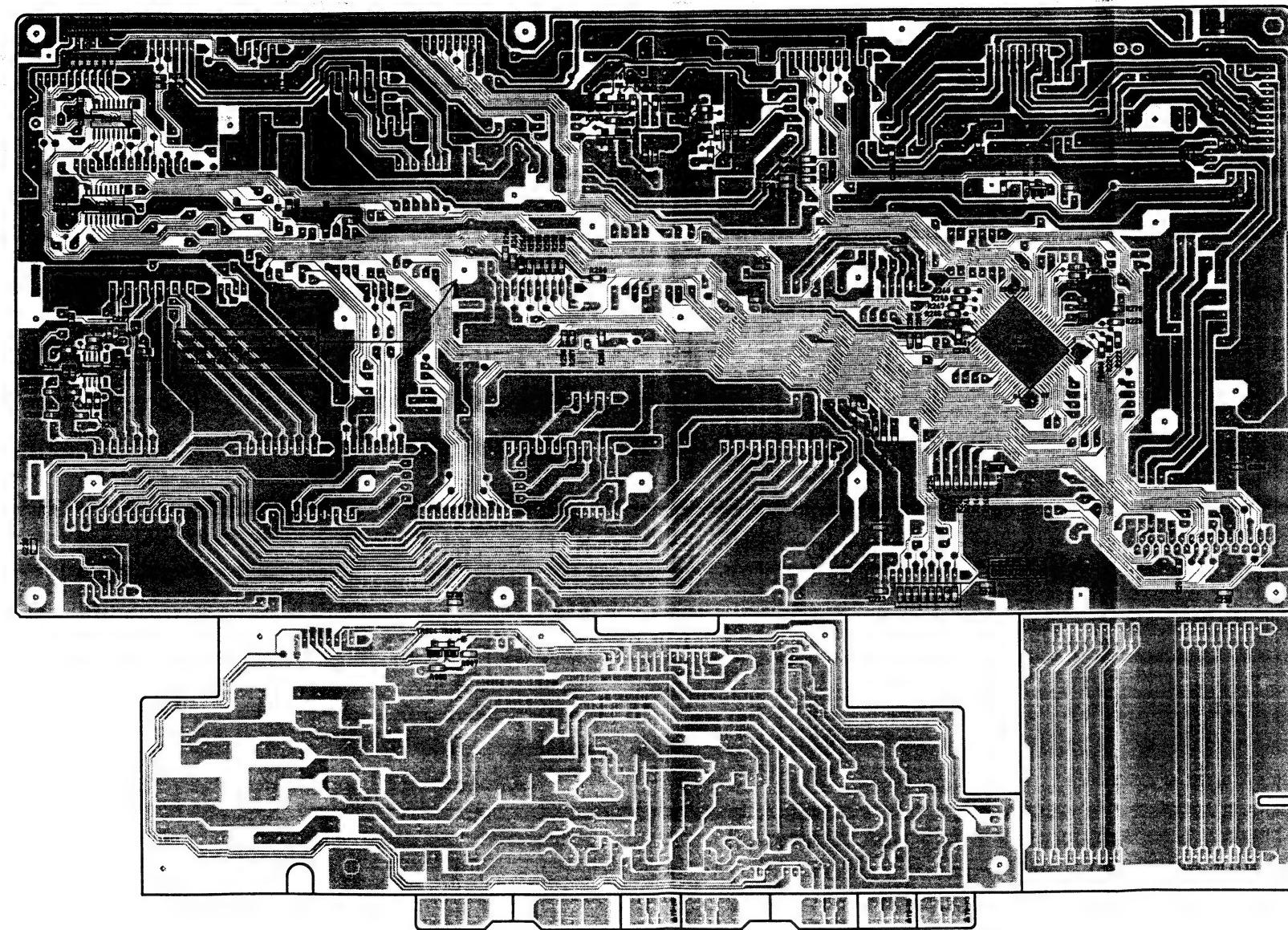
C

D

E

COMPONENT SIDE

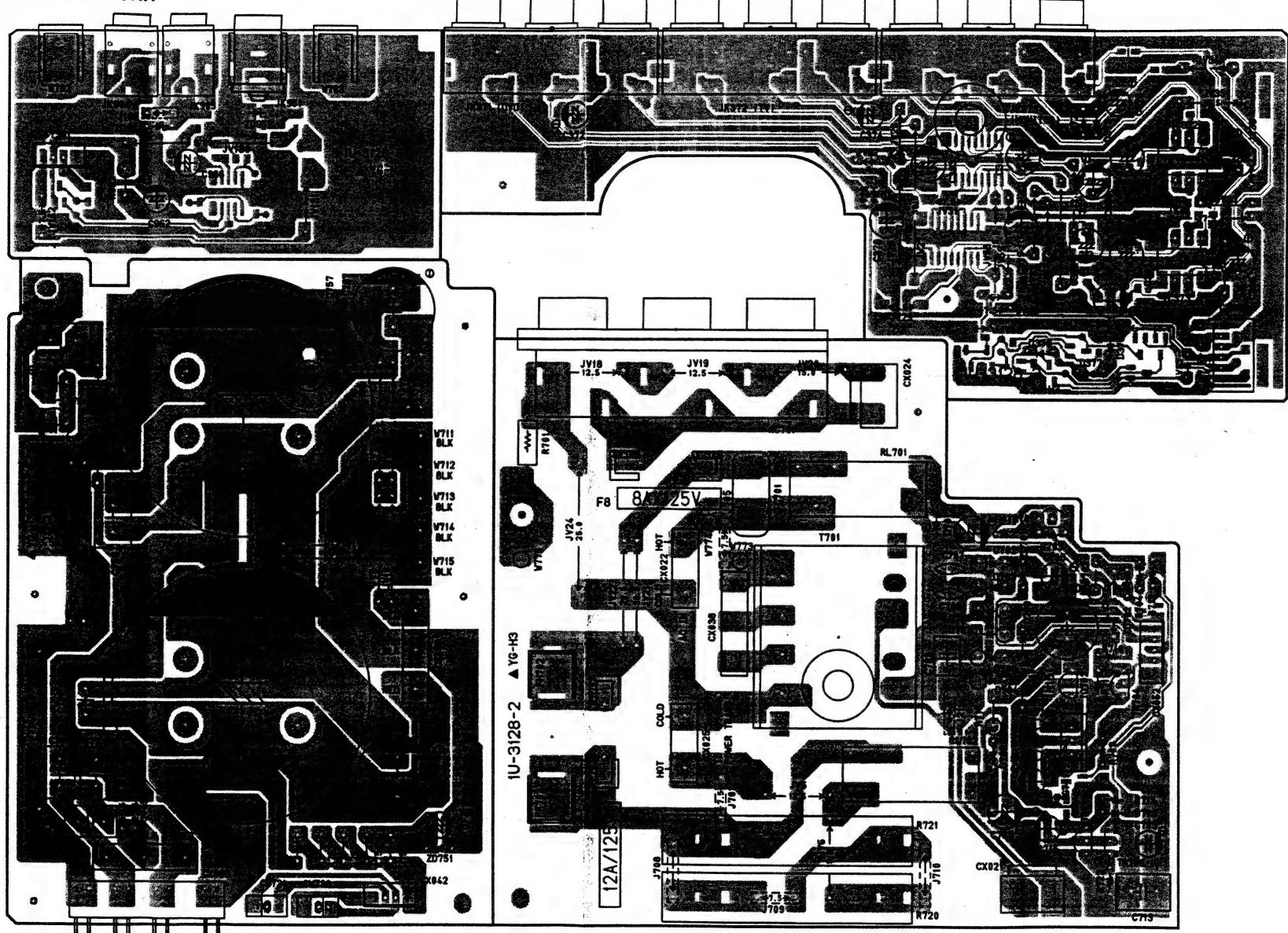
1 2 3 4 5 6 7 8



FOIL SIDE

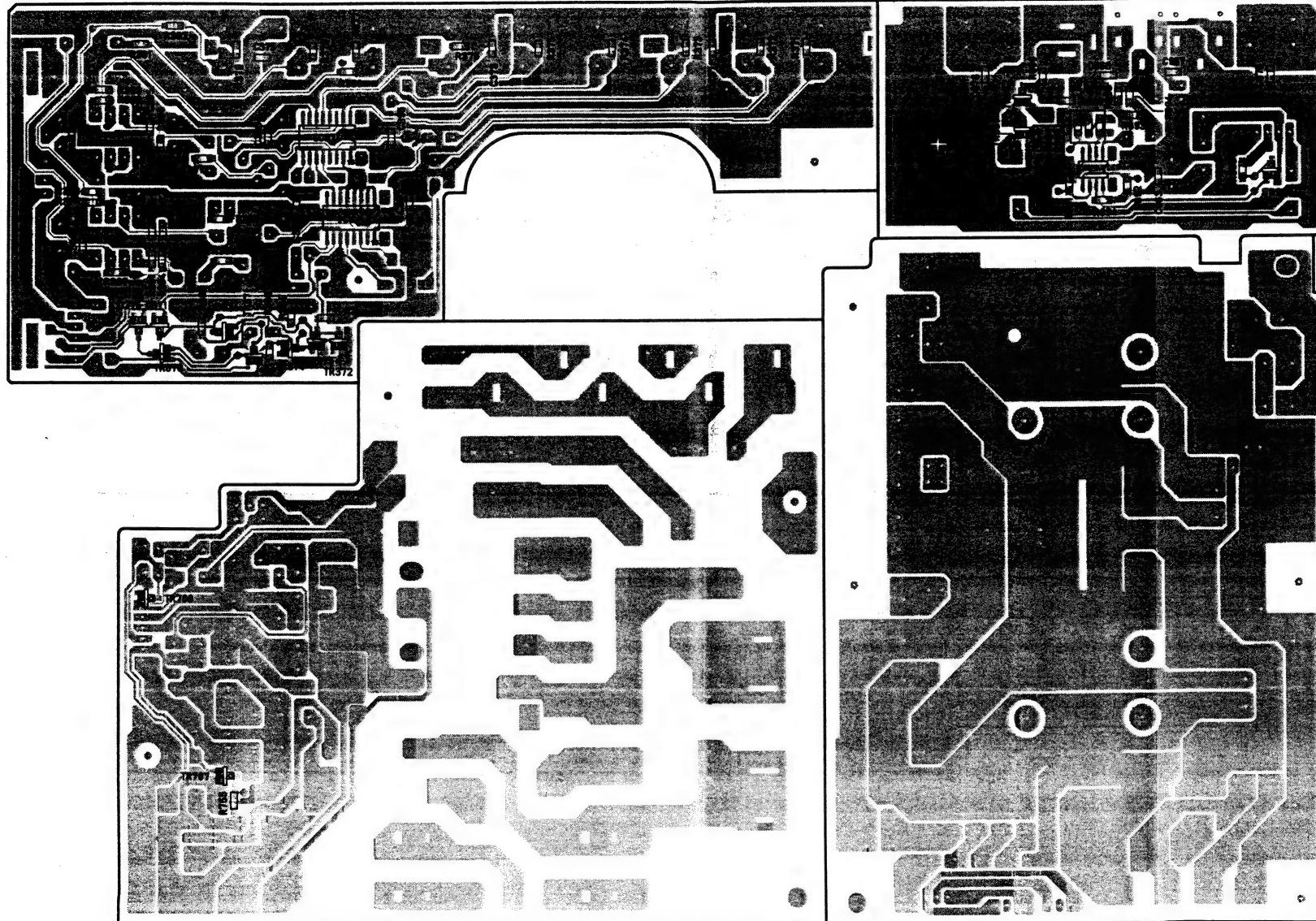
1 2 3 4 5 6 7 8

1U-3128 RECTIFIER & PRI. UNIT



COMPONENT SIDE

1 2 3 4 5 6 7 8



FOIL SIDE

1 2 3 4 5 6 7 8

1U-3254 EXT IN UNIT

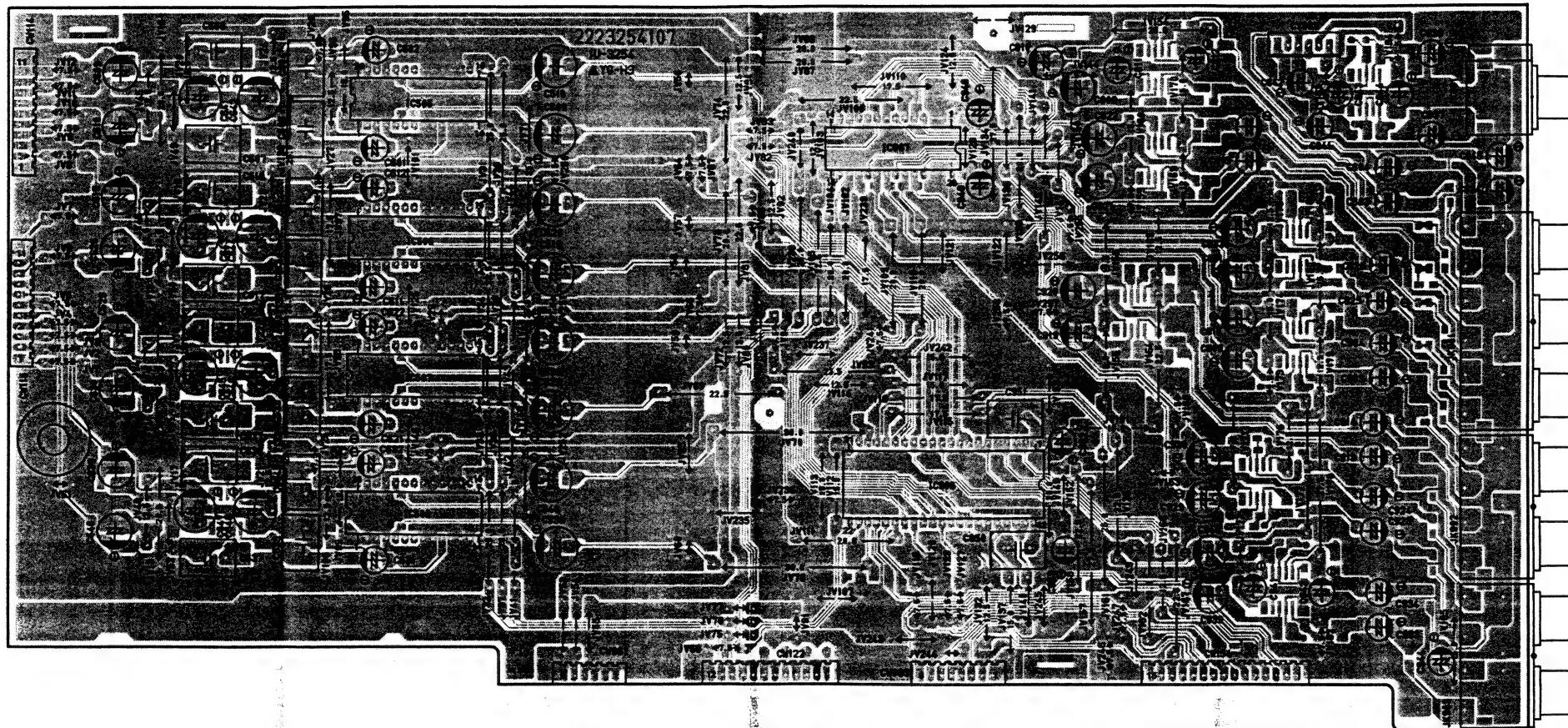
A

B

C

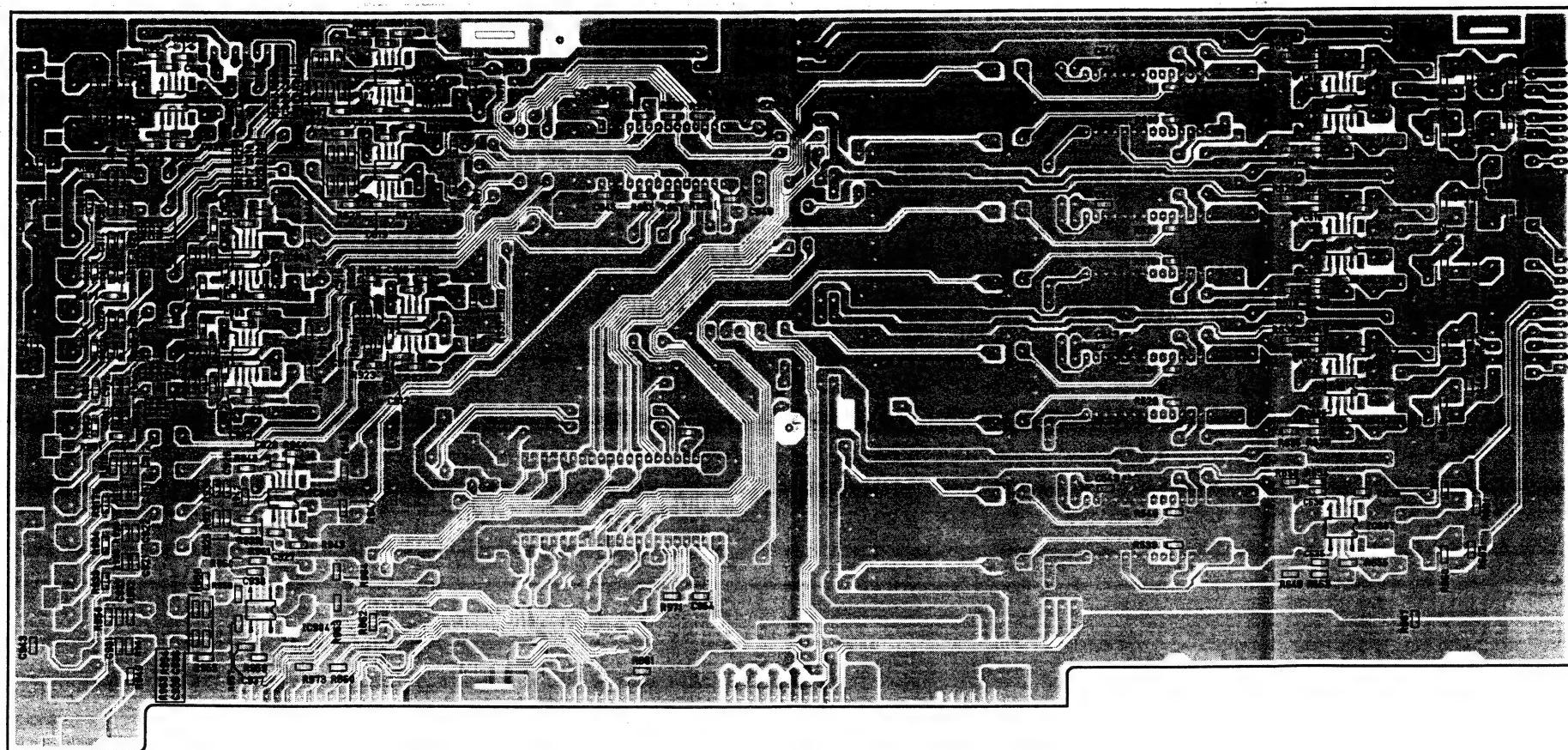
D

E



COMPONENT SIDE

1 2 3 4 5 6 7 8



FOIL SIDE

1 2 3 4 5 6 7 8

1U-3274 D/A UNIT

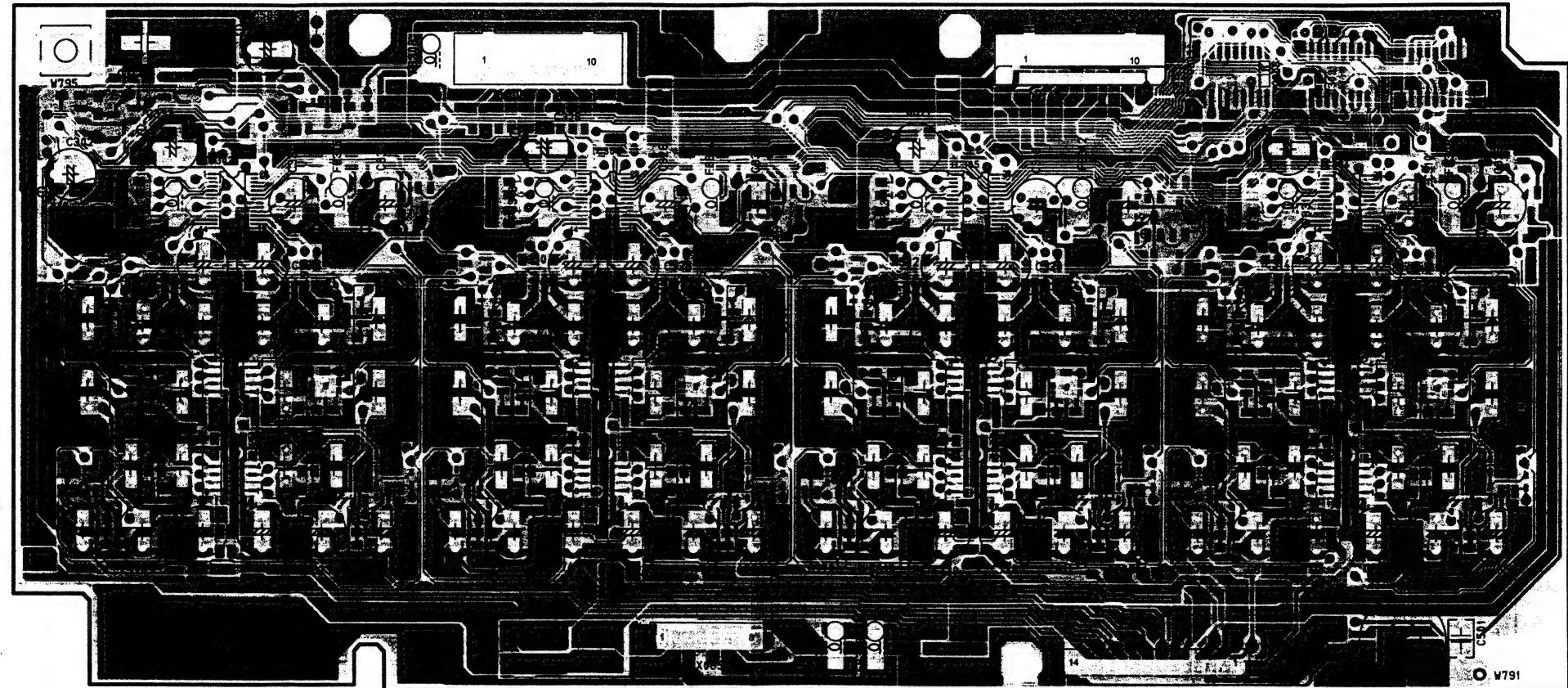
A

B

C

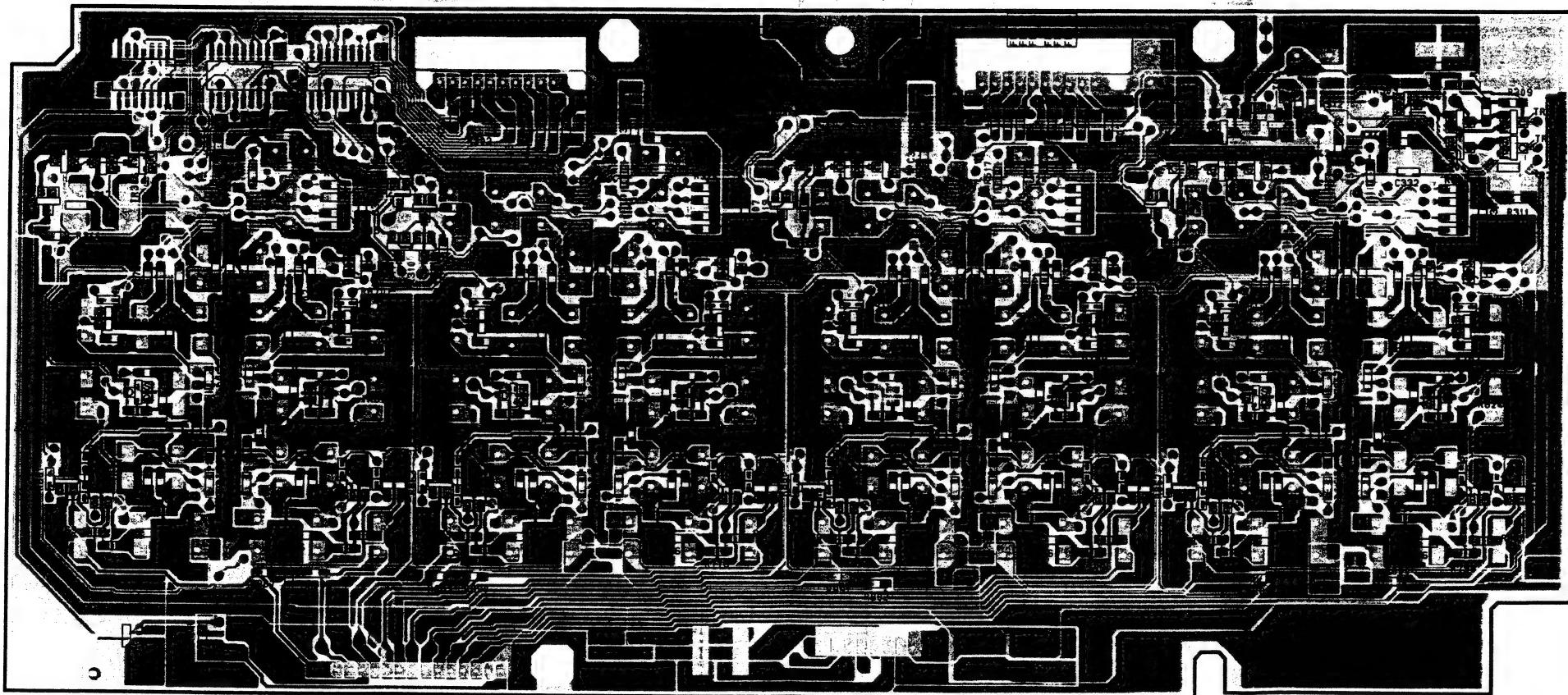
D

E



COMPONENT SIDE

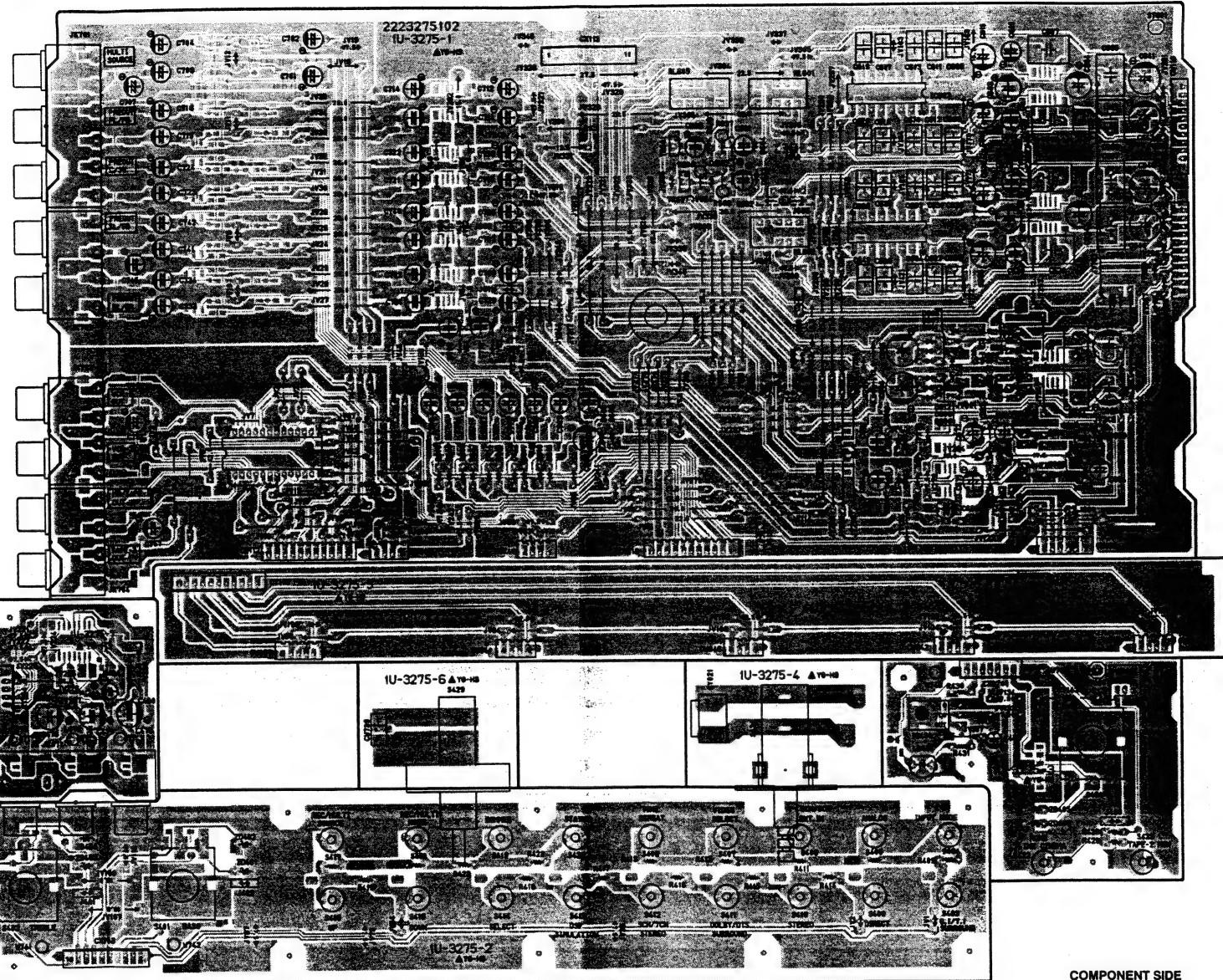
1 2 3 4 5 6 7 8



FOIL SIDE

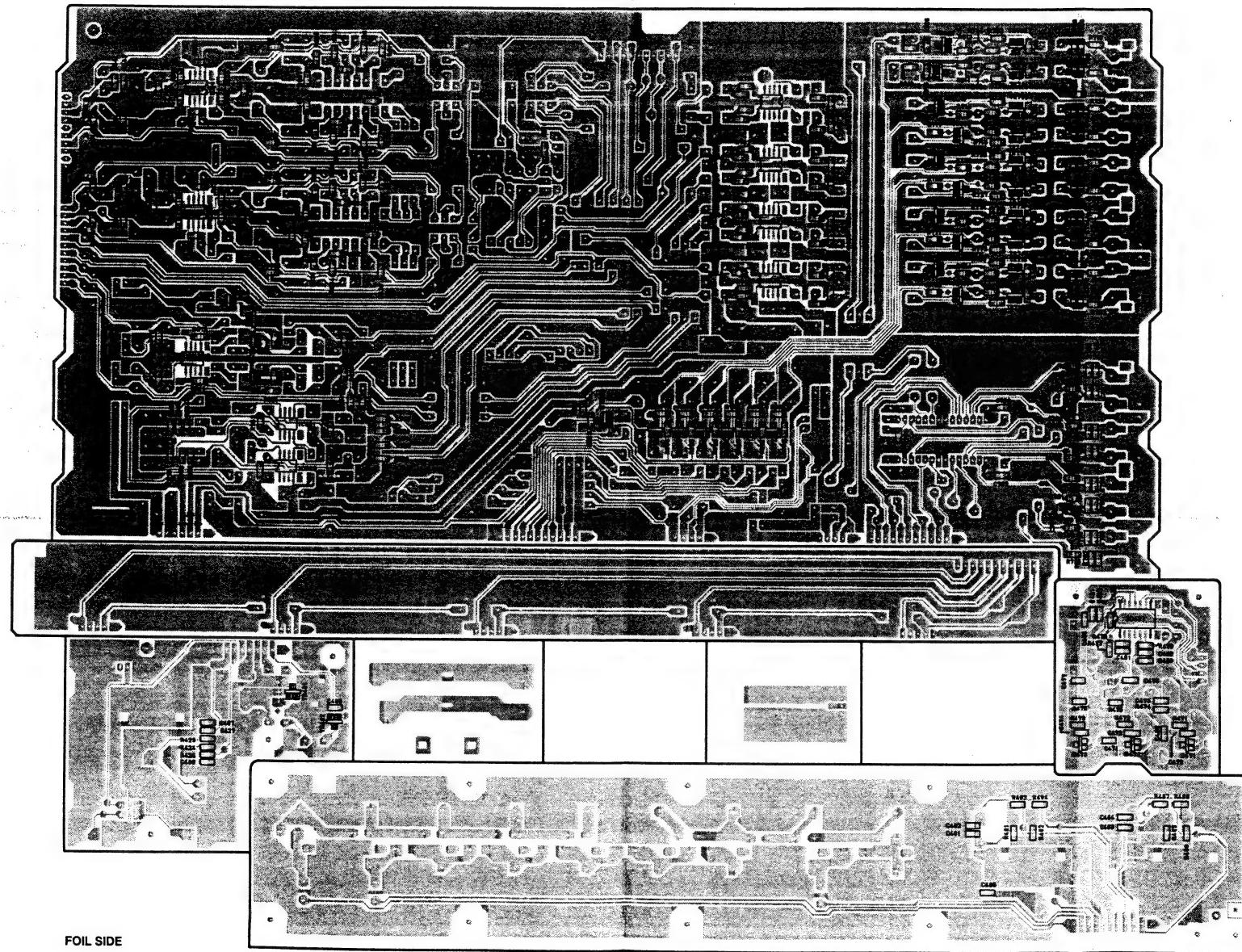
1 2 3 4 5 6 7 8

1U-3275 TONE PREOUT UNIT



COMPONENT SIDE

1 2 3 4 5 6 7 8

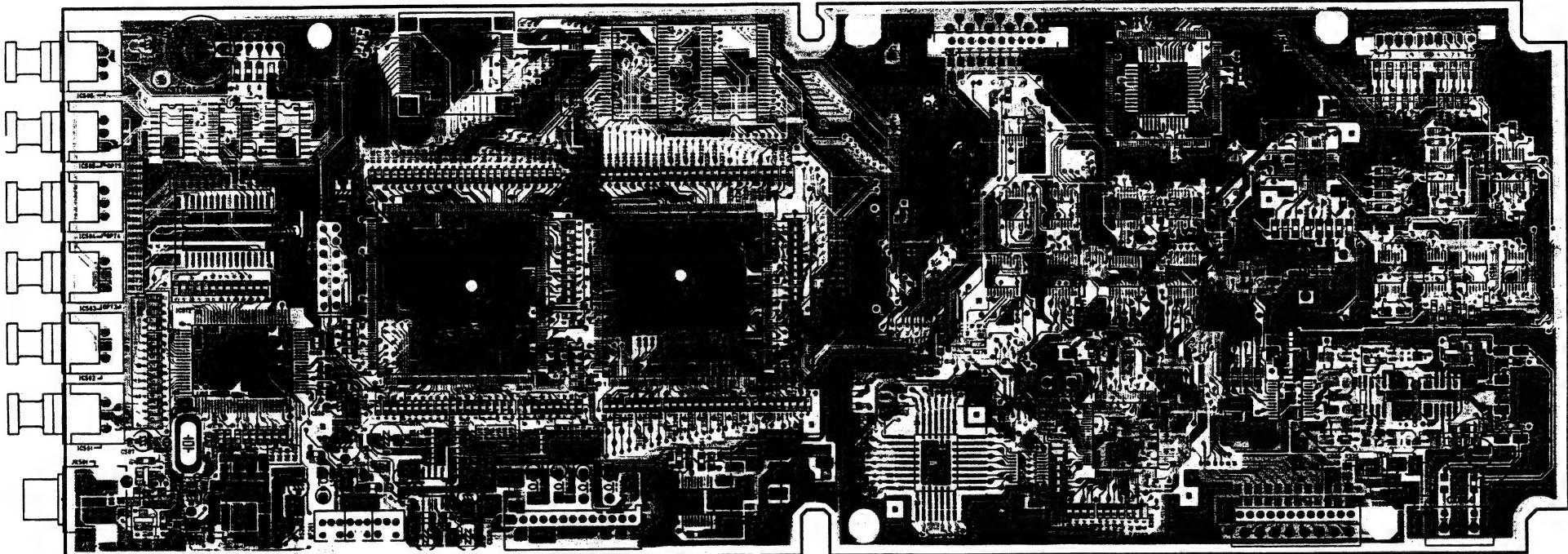


FOIL SIDE

1 2 3 4 5 6 7 8

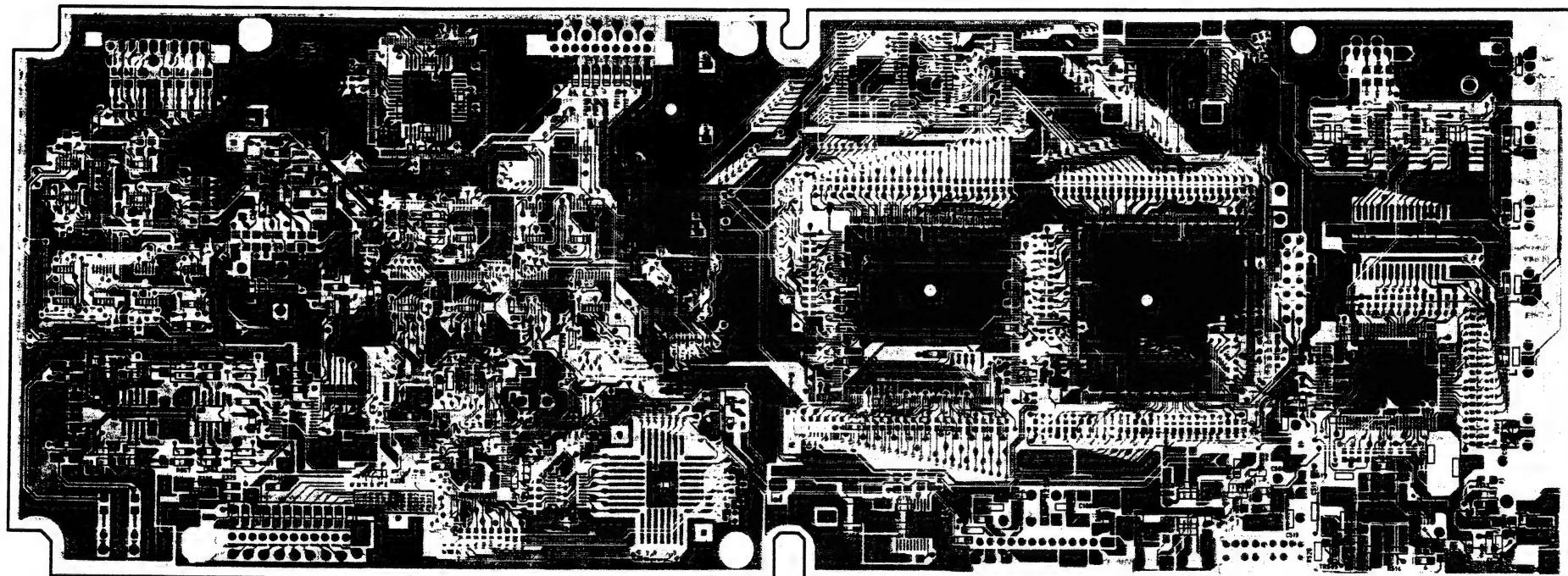
1U-3288 DSP UNIT

A



COMPONENT SIDE

1 2 3 4 5 6 7 8



FOIL SIDE

A

B

C

D

E

NOTE FOR PARTS LIST

- Part indicated with the mark "◎" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "1" and "I" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film ±5%, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

Parts marked with this symbol have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

● Resistors

Ex.: RN 14K 2E 182 G FR					
Type	Shape	Power	Resist- ance	Allowable error	Others
RD : Carbon	2B : 1/8W	F : ±1%	P : Pulse-resistant type		
RC : Composition	2E : 1/14W	G : ±2%	NL : Low noise type		
RS : Metal oxide film	2H : 1/2W	J : ±5%	NB : Non-burning type		
RW : Winding	3A : 1W	K : ±10%	FR : Fuse-resistor		
RN : Metal film	3D : 2W	M : ±20%	F : Lead wire forming		
RK : Metal mixture	3F : 3W				
	3H : 5W				

* Resistance

1 8 2 ⇒ 1800 ohm = 1.8 kohm
Indicates number of zeros after effective number.
2-digit effective number.

• Units: ohm

1-R 2 ⇒ 1.2 ohm
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: ohm

● Capacitors

Ex.: CE 04W 1H 2B2 M BP					
Type	Shape	Dielectric	Capacity	Allowable error	Others
CE : Aluminum foil electrolytic	OJ : 6.3V	F : ±1%	HS : High stability type		
CA : Aluminum solid electrolytic	1A : 10V	G : ±2%	BP : Non-polar type		
CS : Tantalum electrolytic	1C : 16V	J : ±5%	MR : Ripple-resistant type		
CQ : Film	1E : 25V	K : ±10%	DL : For charge and discharge		
CK : Ceramic	1V : 35V	M : ±20%	HF : For assuring high frequency		
CC : Ceramic	1H : 50V	Z : +80%	U : UL part		
CP : Oil	2A : 100V	-20%	C : CSA part		
CM : Mica	2B : 150V	P : ±10%	V : UL-CSA type		
CF : Metallized	2C : 180V	-0%	F : Lead wire forming		
CH : Metallized	2D : 200V	C : ±0.25PF			
	2E : 250V	D : ±0.5pF			
	2H : 500V	E : -			
	2J : 530V	F : -			

* Capacity (electrolyte only)

2-2 2 ⇒ 220μF
Indicates number of zeros after effective number.
2-digit effective number.

• Units: μF

2-R 2 ⇒ 2.2μF
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: μF

* Capacity (except electrolyte)

2-2 2 ⇒ 220pF=0.022uF
(More than 2)- Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF

2-2 1 ⇒ 220pF
Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF

* When the dielectric strength is indicated in AC, "AC" is included after the dielectric strength value.

PARTS LIST OF P.W.B. UNIT

1U-3124F/G AUDIO IN & SP UNIT

Note: The symbols in the column "Remarks" indicate the following destinations.
 U.S.A. model Asia model
 EC: European model (AVR-4800) EIC: China model
 E2: Europe model EUT: Taiwan R.O.C. model

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC101-109	263 0896 909	IC NJM2068MD-T1	
IC110	262 2545 006	IC TC9274N-011	
IC111	262 2033 000	IC TC9273N-004	
IC112	263 0896 909	IC NJM2068MD-T1	
IC251	263 0896 909	IC NJM2068MD-T1	
IC253	263 0896 909	IC NJM2068MD-T1	
TR201	269 0018 905	Transistor DTC143ES(4.7K-4.7K)	
TR901-904	273 0388 906	Transistor 2SC1740S(E)-T	
TR905	269 0018 905	Transistor DTC143ES(4.7K-4.7K)	
D201	276 0432 903	Diode 1SS270A TE (TAPE)	
RESISTORS GROUP			
R101,102	247 0006 946	Carbon chip 390 ohm 1/10W	RM73B-391JT
R103,104	247 0011 986	Carbon chip 68 ohm 1/10W	RM73B-683JT
R105,106	247 0012 969	Carbon chip 150 ohm 1/10W	RM73B-154JT
R107,108	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R108,110	247 0005 992	Carbon chip 240 ohm 1/10W	RM73B-241JT
R111,112	247 0012 956	Carbon chip 130 kohm 1/10W	RM73B-134JT
R113,114	247 0009 998	Carbon chip 11 kohm 1/10W	RM73B-113JT
R115,116	247 0003 949	Carbon chip 22 ohm 1/10W	RM73B-220JT
R117,118	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R119,120	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R121,122	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R123,124	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R125,126	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R127,128	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R129,130	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R131,132	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R133,134	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R135,136	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R137,138	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R139,140	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R141,142	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R143,144	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R145,146	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R147,148	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R149,150	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R151,152	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R153,154	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R155,156	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R157,158	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R159,160	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R161,162	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R163,164	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R165,166	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R167,168	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R169,170	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R171,172	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R173,174	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R175,176	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R177,178	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R179,180	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R181,182	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R183,184	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R185,186	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R187,188	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R189,190	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R191,192	247 0013 984	Carbon chip 62 kohm 1/10W	RM73B-623JT
R193,194	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R195,196	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R197,198	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R199,200	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R205,206	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT
R227,228	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R227,228	247 0007 974	Carbon chip 1.3 kohm 1/10W	RM73B-132JT
R251,252	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R253,254	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R255,256	247 0010 990	Carbon chip 30 kohm 1/10W	RM73B-303JT
R257,258	247 0010 929	Carbon chip 15 kohm 1/10W	RM73B-153JT
R263,264	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R265,266	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R269,270	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R273,274	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R275,280	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R286	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
R287,288	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R289,292	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R293,294	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R301,302	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R309,310	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R317,318	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R321,322	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R329,330	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R337,338	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R341,342	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R349,350	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R357,358	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R361,362	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R369,370	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R377,378	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R381,388	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R901-903	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)
R906	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)
R908	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
R910,911	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)	C240-242	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3
R914	244 2043 908	Metal oxide 680 ohm 1W(NB)	RS14B3A681JNBST(S)	C247	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3
R917	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E12J1NBST	C253,254	254 4524 985	Electrolytic 10μF/50V	CE04W1H00MTSMGRE3
R918-921	244 2052 960	Metal oxide 220 ohm 1W(NB)	RS14B3A221JNBST(S)	C255-258	256 1058 971	Metallized 0.1μF/50V	CF93A1H104JT (JL)
R951	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT	C263-266	254 4524 985	Electrolytic 10μF/50V	CE04W1H00MTSMGRE3
CAPACITORS GROUP				C269,270	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MTSMGRE3
C101,102	257 0005 944	Ceramic chip 220pF/50V	CC73SL1H221JT	C271,272	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3
C105,106	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	C273,274	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MTSMGRE3
C107,108	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT	C275	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3R3MTSMGRE3
C109,110	254 4536 931	Electrolytic 220μF/10V	CE04W1H221MTSMGRE3	C901-907	255 4235 934	Mylar film 0.01μF/100V	CQ93P2A103JT(NH) for E2,E1,E1C
C111,112	255 4199 999	Mylar film 0.024μF/50V	CQ92M1H243JT(MR2)	C908-912	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)
C113,114	255 1265 907	Mylar film 6800pF/50V	CQ93M1H1682JT(B)	C953	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C115,116	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	C957	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)
C119,120	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	OTHER PARTS GROUP			
C121,122	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	CN105	002 9022 069	10C R.wire Assy	Q'ty 1
C127,128	254 4525 913	Electrolytic 47μF/50V	CE04W1H470MTSMGRE3	CW082	205 0885 095	8P connector socket (TUC-P)	1
C129,130	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3	CW088	205 0885 095	8P connector socket (TUC-P)	1
C131,132	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	CW105	205 0409 002	10P dip socket	1
C133,134	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	CW118	205 0885 066	11P connector socket (TUC-P)	1
C139,140	254 4525 913	Electrolytic 47μF/50V	CE04W1H470MTSMGRE3	CW142	205 0885 011	14P connector socket (TUC-P)	1
C143,144	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	CW155	205 0885 040	15P connector socket (TUC-P)	1
C145,146	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	CX041	205 0343 045	4P connector base (KR-PH)	1
C151,152	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MTSMGRE3	CX065	205 0343 061	6P connector base (KR-PH)	1
C155,156	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	CX920	205 0075 025	2P terminal	1
C157,158	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	CX931	205 0075 038	3P terminal	1
C163,164	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MTSMGRE3	CY041	205 0343 045	4P connector base (KR-PH)	1
C167,168	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	CY065	205 0343 061	6P connector base (KR-PH)	1
C169,170	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	CY084	205 0343 087	8P connector base (KR-PH)	1
C175,176	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MTSMGRE3	CY143	205 0375 042	14P connector base (KR-PH)	1
C177,178	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3	CZ105	205 0409 002	10P dip socket	1
C179,180	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	JK101,102	204 8543 006	6P pin jack	2
C181,182	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	JK103,104	204 8540 009	4P pin jack	2
C187,188	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MTSMGRE3	JK901	205 1097 002	6P SP terminal	1
C191,192	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	JK902	205 1098 001	8P SP terminal	1
C193,194	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	JK951	204 8217 031	Headphone jack (BK(AU))	1
C199,200	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MTSMGRE3	LF101,102	235 9003 002	FTZ choke coil	for E2,E1,E1C 2
C203,204	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C	RL501	214 0205 006	Relay (EA2-12N57)	1
C205,206	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3	RL901	214 0195 006	Relay FTR-F1	2
C211,212	254 4538 926	Electrolytic 33μF/16V	CE04W1C330MTSMGRE3	RL903	214 0205 006	Relay (EA2-12N57)	1
C215,216	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMGRE3				
C221,222	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for E2,E1,E1C				

1U-3125F VIDEO & FLD UNIT

Ref. No.	Part No.	Part Name	Remarks	Q'ty
RL904,905	214 0195 006	Relay FTR-F1		2
SH101	414 0799 109	Shield plate		1
W901	203 0677 058	1P contact Ass'y	White	1
W902	203 0677 061	1P contact Ass'y	Red	1
W903	203 0677 074	1P contact Ass'y	Brown	1
W904	203 0677 087	1P contact Ass'y	Orange	1
W905	203 0677 090	1P contact Ass'y	Purple	1
W951	203 0322 002	1P contact Ass'y		1

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC101	262 1911 903	IC M66313FP-T1	
IC102	262 2549 002	IC LC75721E	
IC301,302	263 1075 004	IC TK15420D	
IC304,305	262 2769 002	IC BU4051BC	
IC307	262 0276 005	IC HD14066BP	
IC308	263 1075 004	IC TK15420D	
IC309	262 2067 005	IC MC74HC4053N	
IC310	262 2734 105	IC M35015-209SP	
IC311	263 1075 004	IC TK15420D	
IC312	263 0682 003	IC NJM229S	
IC401,402	263 1075 004	IC TK15420D	
IC403,404	262 2769 002	IC BU4051BC	
IC406	263 1075 004	IC TK15420D	
IC407,408	262 2769 002	IC BU4051BC	
IC409	263 1075 004	IC TK15420D	
IC411	262 0276 005	IC HD14066BP	
IC412,413	263 1075 004	IC TK15420D	
TR101	269 0055 900	Transistor DTA144EKT96	
TR102	269 0054 901	Transistor DTC144EKT96	
TR103	269 0055 900	Transistor DTA144EKT96	
TR104	269 0054 901	Transistor DTC144EKT96	
TR105	269 0055 900	Transistor DTA144EKT96	
TR106	269 0054 901	Transistor DTC144EKT96	
TR109,110	269 0083 901	Transistor DTA114EKT96	
TR301	269 0082 902	Transistor DTC114EKT96	
TR302	273 0384 900	Transistor 2SC2412KT96(S)	
TR303	273 0446 903	Transistor 2PC1815BL(TAPE)	
TR403	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR404,405	269 0082 902	Transistor DTC114EKT96	
D101-103	276 0432 903	Diode 1SS270A TE (TAPE)	
D303-306	276 0432 903	Diode 1SS270A TE (TAPE)	
D403	276 0432 903	Diode 1SS270A TE (TAPE)	
D407,408	276 0432 903	Diode 1SS270A TE (TAPE)	
ZD101	276 0644 937	Zener diode MTZJ9.1A T77	
ZD102,103	276 0637 902	Zener diode MTZJ6.2AT77	
LD104-114	393 9434 906	LED SEL1210S(TP2)	Red
LD115,116	393 9465 904	LED SEL-1210R(TP7)	Red
LD117	393 9491 004	LED SML1216W(LED)	
LD121	393 9434 906	LED SEL1210S(TP2)	Red
LD122	393 9452 904	LED SEL1410E(TP2)	Green
LD123-128	393 9434 906	LED SEL1210S(TP2)	Red

Ref. No.	Part No.	Part Name	Remarks
LD129,130	393 9452 904	LED SEL1410E(TP2)	Green
RESISTORS GROUP			
R114	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R115-130	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B-683JT
R131,132	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R133-146	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B-683JT
R147	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R150-162	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B-683JT
R170-177	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B-683JT
R178	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R183,184	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R185,186	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R199	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R307	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R309	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R311	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R313	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R314	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R315	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R316	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B-162JT
R317	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R318	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R319	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B-203JT
R320	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R321	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R322	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R323,324	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R325	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R326	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT
R327	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
R328	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R329	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R330	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT
R331	247 0006 991	Carbon chip 620 ohm 1/10W	RM73B-621JT
R332	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R334	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R335,336	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R337	247 0009 930	Carbon chip 6.2 kohm 1/10W	RM73B-622JT
R338	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBST
R339	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R340	241 2387 908	Carbon film 1 ohm 1/4W(NB)	RD14B2E010JNBST
R341	247 0005 976	Carbon chip 200 ohm 1/10W	RM73B-201JT
R342	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R343	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R346	247 0008 902	Carbon chip 1.8 kohm 1/10W	RM73B-182JT
R347	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R348	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R349	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R350	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R351	247 0006 946	Carbon chip 390 ohm 1/10W	RM73B-391JT

Ref. No.	Part No.	Part Name	Remarks
R352	247 0007 987	Carbon chip 1.5 kohm 1/10W	RM73B-152JT
R353	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R354	247 0011 957	Carbon chip 51 kohm 1/10W	RM73B-513JT
R355	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B-333JT
R356	247 0009 956	Carbon chip 7.5 kohm 1/10W	RM73B-752JT
R357,358	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R361	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R362-366	247 0008 915	Carbon chip 2 kohm 1/10W	RM73B-202JT
R411	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R413	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R415	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R417	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R419	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R420	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R421	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R422	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R423	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R425	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R427	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R428	247 0008 988	Carbon chip 3.9 kohm 1/10W	RM73B-392JT
R429	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R431	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R432	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R433	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R434	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R435	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT
R436	247 0006 991	Carbon chip 620 ohm 1/10W	RM73B-621JT
R437	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT
R438	247 0008 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
R439	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R440	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R441,442	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R443	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R444	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R445,446	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R447	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R448	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT
R449	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
R450	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R451	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R452	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT
R453	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
R454	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B-203JT
R457	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R459	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R461	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R462	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B-162JT
R463	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R464	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R472	247 0007 961	Carbon chip 1.2 kohm 1/10W	RM73B-122JT
R474	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT

Ref. No.	Part No.	Part Name	Remarks
R475	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R476	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B-822JT
R477	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
R479,480	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R481	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R490	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R491	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R492-499	247 0008 915	Carbon chip 2 kohm 1/10W	RM73B-202JT
CAPACITORS GROUP			
C101	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C102	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MTSMGRE3
C105	253 9039 906	Ceramic 0.1μF/25V	CK45-1E104ZT(DD-3)
C106	253 1180 921	Ceramic 1000pF/50V	CK45B1H102KT(DD-3)
C107	257 0012 982	Ceramic chip 0.022μF/50V	CK73F1H223ZT
C109	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MTSMGRE3
C110	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C111	254 4533 947	Electrolytic 330μF/6.3V	CE04W0L331MTSMGRE3
C112	257 0003 933	Ceramic chip 30pF/50V	CC73SL1H300JT
C114,115	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT
C116	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C117	254 4536 928	Electrolytic 100μF/10V	CE04W1H101MTSMGRE3
C119	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT(JL)
C301,302	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3
C304	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C305-310	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C311-316	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C317,318	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C319,320	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C321	254 4536 928	Electrolytic 100μF/10V	CE04W1H101MTSMGRE3
C323	254 4536 928	Electrolytic 100μF/10V	CE04W1H101MTSMGRE3
C325,326	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C328-330	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MTSMGRE3
C331	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C332	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C333	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C334	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C335	257 0002 947	Ceramic chip 12pF/50V	CC73SL1H120JT
C336	257 0002 921	Ceramic chip 10pF/50V	CC73SL1H100DT
C337-339	257 0003 946	Ceramic chip 33pF/50V	CC73SL1H330JT
C340	257 0009 940	Ceramic chip 3300pF/50V	CK73B1H332KT
C341	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C342	254 4536 928	Electrolytic 100μF/10V	CE04W1H101MTSMGRE3
C343	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C344	257 0008 941	Ceramic chip 470pF/50V	CK73B1H471KT
C345	257 0009 940	Ceramic chip 3300pF/50V	CK73B1H332KT
C346	255 1265 978	Mylar film 0.022μF/50V	CO93M1H223J(TB)
C347	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H47MTSMGRE3
C348	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C349	254 4524 943	Electrolytic 1μF/50V	CE04W1H101MTSMGRE3
C350	257 0005 902	Ceramic chip 150pF/50V	CC73SL1H151JT

Ref. No.	Part No.	Part Name	Remarks
C351	255 1264 911	Mylar film 1200pF/50V	CO93M1H1122J(TB)
C352	256 1058 955	Metalized 0.068μF/50V	CF93A1H683JT (JL)
C353	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3
C354	254 4538 900	Electrolytic 10μF/16V	CE04W1C100MTSMGRE3
C355	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C356	254 4536 928	Electrolytic 100μF/10V	CE04W1H101MTSMGRE3
C357	255 1264 908	Mylar film 1000pF/50V	CO93M1H102J(TB)
C358	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C359	254 4524 943	Electrolytic 1μF/50V	CE04W1H101MTSMGRE3
C402	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C403	254 4524 943	Electrolytic 1μF/50V	CE04W1C100MTSMGRE3
C404,405	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C406	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MTSMGRE3
C407,408	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C409-412	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C413	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MTSMGRE3
C415,416	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C417	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C418	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MTSMGRE3
C420	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C421,422	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C423,424	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C427-429	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C430	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MTSMGRE3
C432	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MTSMGRE3
C433,434	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C435	254 4536 928	Electrolytic 100μF/10V	CE04W1A101MTSMGRE3
C442,443	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL)
C469	254 4524 943	1μF/50V	CE04W1H101MTSMGRE3
C470	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL)
C471,472	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C473	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3
C475	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMGRE3

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW072,073	205 0942 022	7P connector socket (TUC-P)		2
CW074	204 2361 019	7P KR-DA connector cord		1
CW102	205 0865 053	10P connector socket (TUC-P)		1
CW103	204 2845 001	10P KR-DA connector cord		1
CW153	205 0885 040	15P connector socket (TUC-P)		1
CY291	205 1101 008	29P FFC connector base (L)		1
FL101	393 8033 007	FLD CM1690C		1
JK301-303	204 8516 017	3P pin jack		3
JK304	204 8512 008	1P pin jack		1
JK401-403	204 8415 011	3P S-terminal		3
JK404	205 0902 004	1P S-terminal (SW)		1
L101	235 0060 989	Inductor 120μH		1
L301	235 0060 963	Inductor 15μH		1
S171	212 0415 007	Rotary encoder EC16B36		1
ST401	205 0452 017	Style pin		1
W711	203 0426 021	1P connector cord Ass'y		1
W714	203 0440 065	1P contact Ass'y		1
XL301	399 0153 006	Crystal 14.32MHz-12PF		1
XL302	399 0105 009	Ceramic resonator CSB503F2		1

1U-3126F/G/H TUNER & AMP UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC301	263 0615 902	IC BA15218F-DXE2	for EU,EC
IC302	263 0439 007	IC LA3401	for EU,EC
IC303	263 0891 001	IC LA1265(S)	for EU,EC
IC304	216 0102 008	Front end	for EU,EC
IC307	262 2450 900	IC LC72131M-TLM	for EU,EC
IC911	263 0812 006	IC NJM7815FA(S)	
IC912	263 0561 001	IC NJM7915FA	
IC913	263 0809 006	IC NJM7805FA(S)	
TR301,302	269 0066 902	Transistor DTC323TKT96	for EU,EC
TR303	269 0054 901	Transistor DTC144EKT96	for EU,EC
TR304	269 0086 908	Transistor DTA114TKT96	for EU,EC
TR305	273 0411 909	Transistor 2SC2996-Y(TE85L)	for EU,EC
TR308	269 0083 901	Transistor DTA114EKT96	for EU,EC
TR309	269 0114 906	Transistor RN2402(TE85L)	for EU,EC
TR313	269 0083 901	Transistor DTA114EKT96	for EU,EC
TR701,702	273 0414 906	Transistor 2SC3326(A/B)	
TR703,704	271 0094 919	Transistor 2SA970(BL)TPE2	
TR707,708	271 0287 004	Transistor 2SA1546(L)	
TR709-712	273 0453 006	Transistor 2SC4001(M/L)	
TR713,714	271 0094 919	Transistor 2SA970(BL)TPE2	
TR741,742	273 0414 906	Transistor 2SC3326(A/B)	
TR743,744	271 0094 919	Transistor 2SA970(BL)TPE2	
TR747,748	271 0287 004	Transistor 2SA1546(L)	
TR749-752	273 0453 006	Transistor 2SC4001(M/L)	
TR753,754	271 0094 919	Transistor 2SA970(BL)TPE2	
TR781	273 0414 906	Transistor 2SC3326(A/B)	
TR782	271 0094 919	Transistor 2SA970(BL)TPE2	
TR784	271 0287 004	Transistor 2SA1546(L)	
TR785,786	273 0453 006	Transistor 2SC4001(M/L)	
TR788	271 0094 919	Transistor 2SA970(BL)TPE2	
TR801,802	273 0445 001	Transistor 2SC4495	
TR807,808	273 0235 923	Transistor 2SC1841-T(E/F)	
TR841,842	273 0445 001	Transistor 2SC4495	
TR847,848	273 0235 923	Transistor 2SC1841-T(E/F)	
TR881	273 0445 001	Transistor 2SC4495	
TR884	273 0235 923	Transistor 2SC1841-T(E/F)	
TR898	271 0131 924	Transistor 2SA988-T(E/F)	
TR899	272 0107 919	Transistor 2SB1328 (P/Q)T105	
TR911,912	273 0384 900	Transistor 2SC2412KT96(S)	
TR913	269 0040 902	Transistor DTC144ES (47K-47K)T	
TR914	273 0384 900	Transistor 2SC2412KT96(S)	
TR915,916,917	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR916,917	273 0384 900	Transistor 2SC2412KT96(S/R)	
TR918	271 0238 908	Transistor 2SA1037KT96(S/R)	
TR919	273 0384 900	Transistor 2SC2412KT96(S)	
TR920	271 0131 924	Transistor 2SA988-T(E/F)	

Ref. No.	Part No.	Part Name	Remarks
TR921,922	269 0046 906	Transistor DTA114ES(10K-10K)T	
TR923,924	269 0040 902	Transistor DTC144ES(47K-47K)T	
TR925	274 0120 002	Transistor 2SD1762(E/F)	
TR926	273 0388 906	Transistor 2SC1740S(E)-T	
TR929	273 0388 906	Transistor 2SC1740S(E)-T	
TR930,931	269 0040 902	Transistor DTC144ES(47K-47K)T	
TR932,933	269 0046 906	Transistor DTA114ES(10K-10K)T	
TR934	274 0120 002	Transistor 2SD1762(E/F)	
D301-303	276 0432 903	Diode 1SS270A TE (TAPE)	for EU,EC
D306	276 0432 903	Diode 1SS270A TE (TAPE)	for EU,EC
D701,702	276 0432 903	Diode 1SS270A TE (TAPE)	
D741,742	276 0432 903	Diode 1SS270A TE (TAPE)	
D781	276 0432 903	Diode 1SS270A TE (TAPE)	
D801-806	276 0432 903	Diode 1SS270A TE (TAPE)	
D841-846	276 0432 903	Diode 1SS270A TE (TAPE)	
D881-883	276 0432 903	Diode 1SS270A TE (TAPE)	
D911	276 0338 007	Diode S4V20F	
D912,913	276 0704 903	Diode 1SR35-400A(T93X)	
D914-916	276 0432 903	Diode 1SS270A TE (TAPE)	
D918	276 0560 901	Diode DAN202KT146	
ZD305	276 0644 937	Zener diode MTZJ9.1A T77	for EU,EC
ZD701-704	276 0473 904	Zener diode HZS12A-1TD	
ZD741-744	276 0473 904	Zener diode HZS12A-1TD	
ZD781,782	276 0473 904	Zener diode HZS12A-1TD	
ZD801-804	276 0457 904	Zener diode HZS4C-1TD	
ZD841-844	276 0457 904	Zener diode HZS4C-1TD	
ZD881,882	276 0457 904	Zener diode HZS4C-1TD	
ZD911	276 0645 978	Zener diode MTZJ36A T77	
ZD912-915	276 0477 900	Zener diode HZS16-1 TD(TAPE)	
PT730	279 0034 054	Thermistor PTH9M04B222TS2F333	
PT731	279 0034 012	Thermistor PTH9M04B222TS2F333	
PT732	279 0034 054	Thermistor PTH9M04B222TS2F333	
PT733	279 0034 012	Thermistor PTH9M04B222TS2F333	
SC901	279 0016 904	Thyristor SF0R1A42(TPE2)	
RESISTORS GROUP			
R301,302	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT for EU,EC
R303-306	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT for EU,EC
R307,308	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT for EU,EC

Ref. No.	Part No.	Part Name	Remarks
R309-312	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT for EU,EC
R313,314	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT for EU,EC
R315,316	247 0012 943	Carbon chip 120 kohm 1/10W	RM73B-124JT for EU,EC
R317	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B-562JT for EU,EC
R318	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT for EU,EC
R319	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT for EU,EC
R320	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT for EU,EC
R321	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT for EU,EC
R322	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT for EU,EC
R323	247 0011 973	Carbon chip 62 kohm 1/10W	RM73B-623JT for EU,EC
R324	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT for EU,EC
R325	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT for EU,EC
R326	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B-121JT for EU,EC
R327	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R328	247 0010 945	Carbon chip 18 kohm 1/10W	RM73B-183JT for EU,EC
R329	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT for EU,EC
R330,331	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT for EU,EC
R332	247 0009 943	Carbon chip 6.8 kohm 1/10W	RM73B-682JT for EU,EC
R333	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B-562JT for EU,EC
R334	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B-121JT for EU,EC
R335	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B-683JT for EU,EC
R336	247 0010 929	Carbon chip 15 kohm 1/10W	RM73B-153JT for EU,EC
R337	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B-331JT for EU,EC
R338	247 0007 961	Carbon chip 1.2 kohm 1/10W	RM73B-122JT for EU,EC
R339	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT for EU,EC
R340	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT for EU,EC

Ref. No.	Part No.	Part Name	Remarks
R342	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT for EU,EC
R343	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT for EU,EC
R344,345	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT for EU,EC
R346	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B-562JT for EU,EC
R347,348	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R349	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT for EU,EC
R350	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT for EU,EC
R351	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT for EU,EC
R358	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R361,362	247 0008 986	Carbon chip 3.9 kohm 1/10W	RM73B-392JT for EU,EC
R363,364	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT for EU,EC
R365	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R367-369	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R371,372	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R376	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT for EU,EC
R377,378	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R379	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT for EU,EC
R380-382	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R383	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT for EU,EC
R384	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R396-398	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R399	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT for EU,EC
R705,706	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R711,712	244 2052 999	Metal oxide 10 kohm 1W(NB)	RS14B3A103JNBST(S)
R717-720	241 2380 963	Carbon film 2.2 kohm 1/4W(NB)	RD14B2E222JNBST
R725-728	241 2435 928	Fusible resistor 130 ohm 1/4W	RD14B2E131GFRST
R729,730	241 2315 967	Fusible resistor 68 ohm 1/4W	RD14B2E680GFRST
R733-740	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST
R745,746	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
VR301	211 6132 925	Semi fixed resistor 10 kohm	V06PB103T for EU,EC

Ref. No.	Part No.	Part Name	Remarks
VR302	211 6132 983	Semi fixed resistor 100 kohm	V06PB104T for EU,EC
VR701,702	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472T
VR741,742	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472T
VR781	211 6132 909	Semi fixed resistor 4.7 kohm	V06PB472T
CAPACITORS GROUP			
C301,302	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3 for EU,EC
C303,304	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C307-310	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C311,312	257 0006 972	Ceramic chip 750pF/50V	CC73SL1H751JT for EU,EC
C314	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT for EU,EC
C315	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C317	254 4524 956	Electrolytic 2.2μF/50V	CE04W1H220MT SMG/RE3 for EU,EC
C318	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C319	254 4524 914	Electrolytic 0.22μF/50V	CE04W1H220MT SMG/RE3 for EU,EC
C320	254 4538 913	Electrolytic 22μF/16V	CE04W1C220MT SMG/RE3 for EU,EC
C321	256 1058 942	Metalized 0.056μF/50V	CF93A1H563JT (JL) for EU,EC
C322	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3 for EU,EC
C323	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C325	254 3053 910	Electrolytic 22μF/16V	CE04C1220MBPT (SME) for EU,EC
C326	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C327	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3 for EU,EC
C328,329	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C331	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT (JL) for EU,EC
C332	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C333	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C334	254 4524 930	Electrolytic 0.47μF/50V	CE04W1H470MT SMG/RE3 for EU,EC
C335-337	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC

Ref. No.	Part No.	Part Name	Remarks
C338	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C339	257 0010 942	Ceramic chip 0.022μF/50V	CK73B1H223KT for EU,EC
C340,341	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C343	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C347	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C348	257 0002 947	Ceramic chip 12pF/50V	CC73SL1H120JT for EU,EC
C349	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C350	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C366	257 0011 983	Ceramic chip 0.047μF/25V	CK73B1E473KT for EU,EC
C369,370	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT for EU,EC
C385	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT for EU,EC
C387	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C388	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3 for EU,EC
C390	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C391	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C392	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT for EU,EC
C393	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C394,395	257 0002 963	Ceramic chip 15pF/50V	CC73SL1H150JT for EU,EC
C396	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMG/RE3 for EU,EC
C397	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT for EU,EC
C398	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C399	253 1180 921	Ceramic 1000pF/50V	CK45B1H102KT (DD-3) for EU,EC
C400	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT for EU,EC
C703,704	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3 for EU,EC
C705,706	253 1179 945	Ceramic 220pF/50V	CK45B1H221KT (DD-3)
C707,708	253 1179 987	Ceramic 470pF/50V	CK45B1H471KT (DD-3)
C709,710	255 1264 982	Mylar film 4700pF/50V	CC93M1H472JT (B)

Ref. No.	Part No.	Part Name	Remarks
C711,712	254 4539 705	Electrolytic 1000μF/16V	CE04W1C102MC SMG/RE3
C713,714	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MT SMG/RE3
C715,716	255 4237 924	Mylar film 55pF/100V	CQ93P2A560JT (NH)
C717,718	253 4470 900	Ceramic 10pF/500V	CC45SL2H100DT
C743,744	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3
C745,746	253 1179 945	Ceramic 220pF/50V	CK45B1H221KT (DD-3)
C747,748	253 1179 987	Ceramic 470pF/50V	CK45B1H471KT (DD-3)
C749,750	255 1264 982	Mylar film 4700pF/50V	CC93M1H472JT (B)
C751,752	254 4539 705	Electrolytic 1000μF/16V	CE04W1C102MC SMG/RE3
C753,754	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MT SMG/RE3
C755,756	255 4237 929	Mylar film 55pF/100V	CQ93P2A560JT (NH)
C757,758	253 4470 900	Ceramic 10pF/500V	CC45SL2H100DT
C782	254 4525 900	Electrolytic 33μF/50V	CE04W1H330MT SMG/RE3
C783	253 1179 945	Ceramic 220pF/50V	CK45B1H221KT (DD-3)
C784	253 1179 987	Ceramic 470pF/50V	CK45B1H471KT (DD-3)
C785	255 1264 982	Mylar film 4700pF/50V	CC93M1H472JT (B)
C786	254 4539 705	Electrolytic 1000μF/16V	CE04W1C102MC SMG/RE3
C787	254 4525 926	Electrolytic 100μF/50V	CE04W1H101MT SMG/RE3
C788	255 4237 929	Mylar film 55pF/100V	CQ93P2A560JT (NH)
C789	253 4470 900	Ceramic 10pF/500V	CC45SL2H100DT
C801,802	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C803,804	255 4237 974	Mylar film 220pF/100V	CQ93P2A221JT
C805,806	255 1265 936	Mylar film 0.01μF/50V	CC93M1H103JT (B)
C807,808	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C809-812	255 4235 934	Mylar film 0.01μF/100V	CC93P2A103JT (NH)
C809-812	254 4527 982	Electrolytic 10μF/100V	CE04W2A100MT SMG/RE3 for E2,E1,E1C,EUT
C813,814	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT (B)
C841,842	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C843,844	255 4237 974	Mylar film 220pF/100V	CQ93P2A221JT
C845,846	255 1265 936	Mylar film 0.01μF/50V	CC93M1H103JT (B)
C847,848	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C849-852	255 4235 934	Mylar film 0.01μF/100V	CC93P2A103JT (NH)
C849-852	254 4527 982	Electrolytic 10μF/100V	CE04W2A100MT SMG/RE3 for E2,E1,E1C,EUT
C853,854	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT (B)
C881	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C882	255 4237 974	Mylar film 220pF/100V	CQ93P2A221JT
C883	255 1265 936	Mylar film 0.01μF/50V	CC93M1H103JT (B)
C884	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT
C885,886	255 4235 934	Mylar film 0.01μF/100V	CC93P2A103JT (NH)
C885,886	254 4527 982	Electrolytic 10μF/100V	CE04W2A100MT SMG/RE3 for E2,E1,E1C,EUT
C887	255 1265 978	Mylar film 0.022μF/50V	CQ93M1H223JT (B)
C898	253 1181 904	Ceramic 0.01μF/50V	CK45F1H103ZT (DD-3)
C899	254 4528 729	Electrolytic 100μF/100V	CE04W2A101MC SMG/RE3
C951,952	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMG/RE3

Ref. No.	Part No.	Part Name	Remarks
C953	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1H104ZT
C954	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMG/RE3
C955	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C956	254 4533 947	Electrolytic 330μF/6.3V	CE04W1J031MT SMG/RE3
C957	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C958	254 4533 947	Electrolytic 330μF/6.3V	CE04W1J031MT SMG/RE3
C961,962	254 4567 706	Electrolytic 220μF/25V	CE04W1E221MC (ARS/2)
C965,966	254 4566 707	Electrolytic 6800μF/25V	CE04W1V682MC (ASF)
C967-969	255 1265 936	Mylar film 0.01μF/50V	CE04W1C470MT SMG/RE3
C972	254 4538 939	Electrolytic 47μF/16V	CE04W1H104ZT
C980,981	254 4524 943	Electrolytic 1μF/50V	CE04W1H104ZT
C982	254 4540 707	Electrolytic 330μF/63V	CE04W1J031MC SMG/RE3
C983	254 4525 748	Electrolytic 330μF/50V	CE04W1H331MC SMG/RE3
C984	255 1265 936	Mylar film 0.01μF/50V	CE04W1H104ZT
C988	254 4524 985	Electrolytic 10μF/50V	CE04W1HR22MT SMG/RE3
C989	254 4524 914	Electrolytic 0.22μF/50V	CE04W1HR22MT SMG/RE3
OTHER PARTS GROUP			
CF301	261 0079 005	Ceramic resonator CSB456F11	for EU,EC 1
CF302	261 0031 001	Ceramic filter BFU450C4	for EU,EC 1
CF303	261 0136 906	Ceramic filter MS2G	for EU,EC 1
CF304	261 0135 907	Ceramic filter MA8	for EU,EC 1
CF305	261 0116 007	Ceramic filter SFU450B3	for EU,EC 1
CN711-720	205 1037 062	6P pin header (TX)	10
CW934-938	203 5225 007	3P SAN-SAN connector cord	5
CX035	205 0233 032	3P EH connector base	1
CX056	205 0233 058	5P EH connector base	1
CX057	205 0884 009	5P connector base (TUC-P)	1
CX068	205 0343 061	6P connector base (KR-PH)	1
CX081	205 0343 087	8P connector base (KR-PH)	1
CX727,728	205 1037 062	6P pin header (TX)	2
CX730	205 0343 032	3P connector base (KR-PH)	1
CX731	205 0321 038	3P connector base (KR-PH RED)	1
CX732	205 0343 032	3P connector base (KR-PH)	1
CX733	205 0321 038	3P connector base (KR-PH RED)	1
CX932	205 0343 032	3P connector base (KR-PH)	1
CX941,942	205 0884 083	4P connector base (TUC-P)	2
CX944,945	205 0884 083	4P connector base (TUC-P)	2
CY042	205 0343 045	4P connector base (KR-PH)	1
CY063	205 0343 061	6P connector base (KR-PH)	1
CY121	205 0375 026	12P connector base (KR-PH)	1
CY932	205 0343 032	3P connector base (KR-PH)	1
△F15,16	206 1039 089	Fuse 3.15A	for EU,EC 2
△F15,16	206 1015 074	Fuse 3.15A	for E2,E1,E1C 2
△F15,16	206 1039 069	Fuse 3.15A	for EUT 2
FB301	235 0049 900	Beads inductor	for EU,EC 1

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Ref. No.	Part No.	Part Name	Remarks	Q'ty
FF111,112	202 0040 909	Fuse clip		2
FH111,112	202 0040 909	Fuse clip		2
JK301	205 0630 015	3P antenna terminal	for EU,EC	1
L301	235 0060 905	Inductor 2.2μH	for EU,EC	1
L302	235 0060 950	Inductor 10μH	for EU,EC	1
L801,802	235 0068 004	Inductor 1μH		2
L841,842	235 0068 004	Inductor 1μH		2
L881	235 0068 004	Inductor 1μH		1
ST1-4	205 1034 007	M3 Screw terminal		4
ST5	205 1034 007	M3 Screw terminal	for EU,EC	1
T302	231 2085 009	FM DET trans.	for EU,EC	1
T304	231 1138 009	AM IFT	for EU,EC	1
T305	231 2096 001	MW ANT-OSC coil	for EU,EC	1
TP301	205 0190 036	3P NH connector base	for EU,EC	1
TP801-805	205 0133 035	3P NH connector base		5
TP806	205 0190 036	3P NH connector base		1
W701-707	205 0864 003	M3 screw terminal		7
W709	205 0864 003	M3 screw terminal		1
XL301	399 0075 003	Crystal 7.2 MHz	for EU,EC	1
	009 0164 008	Bus bar (5P)		2
	009 0165 007	Bus bar (6P)		1
	415 0309 026	P.V.C. tube (L=20)		8
	513 2585 045	Fuse label	for E2,E1,E1C	2
SEMICONDUCTORS GROUP				
IC201	262 2796 004	IC TMP388CU74F-1A61		
IC202,203	262 2375 904	IC TC4094BF(TP1)		
IC204	263 0896 909	IC NJM2068MD-T1		
IC291	263 0801 004	IC NJM7812FA(S)		
IC901	263 0809 006	IC NJM7805FA(S)		
IC902	263 0554 005	IC NJM7905FA	for E2,E1,E1C,EUT	
IC903	263 1048 002	IC BA033T		
IC904	263 0793 002	IC NJM7806FA(S)		
IC905	263 0683 002	IC NJM7906FA		
IC906	263 0809 006	IC NJM7805FA(S)		
TR201	269 0054 901	Transistor DTC144EKT96		
TR202	274 0163 904	Transistor 2SD601A		
TR203	269 0083 901	Transistor DTA114EKT96		
TR204	269 0054 901	Transistor DTC144EKT96		
TR205	269 0083 901	Transistor DTA114EKT96		
TR206,207	269 0054 901	Transistor DTC144EKT96		
TR901	271 0239 017	Transistor 2SA1489 LC(O/P/Y)(Z)		
TR903	271 0254 018	Transistor 2SA1725(O/P/Y)		
TR904,905	269 0054 901	Transistor DTC144EKT96		
TR906	271 0254 018	Transistor 2SA1725(O/P/Y)		
TR907	273 0404 013	Transistor 2SC4511(O/P/Y)		
D201,202	276 0704 903	Diode 1SR35-400A(T93X)		
D203-205	276 0432 903	Diode 1SS270A TE (TAPE)		
D901	276 0338 007	Diode S4V20F		
D902	276 0432 903	Diode 1SS270A TE (TAPE)		
D903	276 0432 903	Diode 1SS270A TE (TAPE)	for E2,E1,E1C,EUT	
D904-907	276 0548 910	Diode DSM1D2(TYPE-3)		
D908,909	276 0432 903	Diode 1SS270A TE (TAPE)		
ZD201	276 0634 905	Zener diode MTZJ3.3AT77		
RESISTORS GROUP				
R201,202	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT	
R203,204	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT	
R205,206	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT	
R207,208	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT	
R209	241 2387 940	Carbon film 4.7 ohm 1/4W(NB)	RD14B2E4R7JNBST	
R210-212	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT	
R213	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT	
R214	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT	
R215	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT	
R216	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT	
R217	247 0013 900	Carbon chip 220 kohm 1/10W	RM73B-224JT	
R218	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT	
R219	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT	

Ref. No.	Part No.	Part Name	Remarks
R221-223	235 0130 903	Chip emifil (11A121)	CHIP EMIFIL(11A121) for EU,EC
R221-223	247 2007 943	Carbon chip 1 kohm 1/10W	RM73B-102JT for E2,E1,E1C,EUT
R226	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R232	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for E2,E1,E1C,EUT
R233	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
R234-238	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R239-241	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R242-244	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
R246-249	235 0130 903	Chip emifil (11A121)	CHIP EMIFIL(11A121) for EU,EC
R246-249	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for E2,E1,E1C,EUT
R250	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R252-255	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R256,257	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R261	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R262-273	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R279	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R902	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
R905	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
R906,907	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R908,910	241 2376 919	Carbon film 30 ohm 1/4W(NB)	RD14B2E300JNBST
CAPACITORS GROUP			
C201,202	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMG/RE3
C207,208	254 4538 926	Electrolytic 33μF/16V	CE04W1C300MTSMG/RE3
C209,210	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMG/RE3
C211	254 4525 913	Electrolytic 47μF/50V	CE04W1H100MTSMG/RE3
C212,213	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C214	259 0007 702	Back up cap 8200 μF/5.5V	SB CAP==822=C
C215,216	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C217	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H100MTSMG/RE3
C218	256 1058 984	Metallized 0.12μF/50V	CF93A1H124JT(JL)
C219	254 4536 931	Electrolytic 220μF/10V	CE04W1A221MTSMG/RE3
C220	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMG/RE3
C223	257 0011 983	Ceramic chip 0.047μF/25V	CK73B1E473KT
C224	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT for EU,EC
C225	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT for EU,EC
C226	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT for EU,EC
C232	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C233,234	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C235	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MTSMG/RE3
C238	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C240	257 0012 982	Ceramic chip 0.022μF/50V	CK73F1H223ZT

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW732	203 5226 006	3P PH-SAN connector cord		1
CW733	203 5226 019	3P PH-SAN connector cord		1
CX032	205 0653 036	3P VH connector base		1
CX033	205 0233 032	3P EH connector base		1
CX036	205 0233 032	3P EH connector base		1
CX045	205 0884 083	4P connector base (TUC-P)		1
CX049	205 0884 083	4P connector base (TUC-P)		1
CX055	205 0343 058	5P connector base (KR-PH)		1
CX061,062	205 0943 018	6P connector base (TUC-P)		2
CX063	205 0343 061	6P connector base (KR-PH)		1
CX069	205 0343 061	6P connector base (KR-PH)		1
CX072,073	205 0943 021	7P connector base (TUC-P)		2
CX082,083	205 0884 096	8P connector base (TUC-P)		2
CX084	205 0343 087	8P connector base (KR-PH)		1
CX088	205 0884 096	8P connector base (TUC-P)		1
CX102	205 0884 054	10P connector base (TUC-P)		1
CX12	205 0884 067	11P connector base (TUC-P)		1
CX114-119	205 0884 067	11P connector base (TUC-P)		6
CX121	205 0375 026	12P connector base (KR-PH)	for EU,EC	1
CX122	205 0884 070	12P connector base (TUC-P)		1
CX142	205 0884 012	14P connector base (TUC-P)		1
CX153-155	205 0884 041	15P connector base (TUC-P)		3
CX291	205 0736 034	29P FFC connector base (9603)		1
CX941	205 0343 045	4P connector base (KR-PH)		1
CY052	205 0343 058	5P connector base (KR-PH)		1
CY055	205 0343 058	5P connector base (KR-PH)		1
CY064	205 0343 061	6P connector base (KR-PH)		1
CY068	205 0343 061	6P connector base (KR-PH)		1
CY081	205 0343 087	8P connector base (KR-PH)		1
CY085	205 0343 087	8P connector base (KR-PH)		1
CY111	205 0375 013	11P connector base (KR-PH)		1
CY124	205 0375 026	12P connector base (KR-PH)		1
CY137	205 0375 039	13P connector base (KR-PH)		1
△F11,12	206 1039 089	Fuse 3.15A	for EU,EC,EUT	2
△F11,12	206 1015 074	Fuse 3.15A	for E2,E1,E1C	2
△F13,14	206 1039 063	Fuse 2.0A	for EU,EC,EUT	2
△F13,14	206 1015 061	Fuse 2A	for E2,E1,E1C	2
FB201-205	235 0049 900	Beads inductor		5
FB206-208	235 0130 903	Chip emifil (11A121)		3
FB209	235 0049 900	Beads inductor		1
FB214	235 0049 900	Beads inductor	for EU,EC	1
FF911-914	202 0040 909	Fuse clip		4
FH911-914	202 0040 909	Fuse clip		4
L201,202	235 0070 908	Inductor 12μH		2

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Ref. No.	Part No.	Part Name	Remarks	Q'ty
SEMICONDUCTORS GROUP				
TP901	205 0190 036	3P NH connector base		1
W721	203 0475 072	1P contact ass'y		1
W722	203 0463 000	1P SIN con. Ass'y	for EU,EC	1
W724	203 0539 002	1P SIN cord ass'y		1
X201	399 0532 902	Ceramic 12.5 MHz		1
	513 2585 032	Fuse label	for E2,E1,E1C	2
	513 2585 045	Fuse label	for E2,E1,E1C	2
IC371	262 2643 908	IC TC4052BF(TAPE)		
IC372,373	263 1075 004	IC TK1542DD		
IC374	262 2643 908	IC TC4052BF(TAPE)		
IC701	263 0783 002	IC NJM7806FA(S)		
IC702	263 0783 005	IC NJM7806FA(S)		
IC908	262 2580 906	IC CXA1511M		
TR371,372	269 0054 901	Transistor DTC144EKT96		
TR373,374	269 0055 900	Transistor DTA144EKT96		
TR375	269 0054 901	Transistor DTC144EKT96		
TR701	273 0388 906	Transistor 2SC1740S(E)-T		
TR704-706	273 0388 906	Transistor 2SC1740S(E)-T		
TR707	269 0054 901	Transistor DTC144EKT96		
TR708	269 0082 902	Transistor DTC114EKT96		
TR906	269 0055 900	Transistor DTA144EKT96		
TR951	269 0082 902	Transistor DTC114EKT96		
TR952	269 0083 901	Transistor DTA114EKT96		
D371	276 0559 909	Diode DAP202KT146		
D374	276 0559 909	Diode DAP202KT146		
D375	276 0560 901	Diode DAN202KT146		
D376-378	276 0432 903	Diode 1SS270A TE (TAPE)		
D701	276 0432 903	Diode 1SS270A TE (TAPE)		
D702-707	276 0704 903	Diode 1SR35-400A(T93X)		
D708,709	276 0432 903	Diode 1SS270A TE (TAPE)		
D752	276 0704 903	Diode 1SR35-400A(T93X)		
ZD701	276 0644 908	Zener diode MTZJ6.8A T77		
ZD702	276 0645 907	Zener diode MTZJ18A T77		
ZD751	276 0643 996	Zener diode MTZJ5.6A T77		
ZD901	276 0637 902	Zener diode MTZJ6.2AT77		
ZD951	276 0637 902	Zener diode MTZJ6.2AT77		
RESISTORS GROUP				
R371-376	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B-750JT	
R377-379	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT	
R380-382	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B-750JT	
R384	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT	
R385	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT	
R386	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT	
R387-389	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT	
R390-392	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT	
R393-395	247 0006 975	Carbon chip 510 ohm 1/10W	RM73B-511JT	
R396-398	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT	
CAPACITORS GROUP				
C371	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C372	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)	
C373	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C374	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)	
C375	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
C376	254 4305 968	Electrolytic 1μF/50V	CE04W1H010MT(SRE)	
C378,379	254 4299 964	Electrolytic 47μF/16V	CE04W1C470MT(SRE)	
C380,381	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C382,383	254 4299 964	Electrolytic 47μF/16V	CE04W1C470MT(SRE)	
C384,385	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C386,387	254 4299 964	Electrolytic 47μF/16V	CE04W1C470MT(SRE)	
C388,389	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C390-392	254 4302 974	Electrolytic 100μF/10V	CE04W1A101MT(SRE)	
C393,394	254 4299 964	Electrolytic 47μF/16V	CE04W1C470MT(SRE)	
C395,396	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
A7701	253 8022 707	Ceramic 0.01 μF/250V(AC)	CK4SP2EAC10MC	
C702	256 1058 971	Metalized 0.1μF/50V	CF93A1H104JT (JL)	
C705	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3	
C706	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3	
C709	254 4403 721	Electrolytic 2200μF/25V	CE04W1E222MC (SMG)	
C713	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)	
C715	254 4524 969	Electrolytic 3.3μF/50V	CE04W1H3RMT SMGR3	
C751-753	256 1042 903	Metalized 0.1μF/250V	CF93A2E104KT	
C755	255 1265 936	Mylar film 0.01μF/50V	CQ93M1H103JT(B)	
C760	254 4524 985	Electrolytic 10μF/50V	CE04W1H04R7MT SMGR3	
C762,763	254 4524 972	Electrolytic 4.7μF/50V	CE04W1H4R7MT SMGR3	
C766,767	254 4562 714	Electrolytic 100μF/100V	CE04W2A101MC (ARS2)	
C962	254 4538 939	Electrolytic 47μF/16V	CE04W1C470MT SMGR3	
C963	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C964	257 0004 961	Ceramic chip 100μF/50V	CC73SL1H101JT	
C965	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	

Ref. No.	Part No.	Part Name	Remarks	
C966	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MTSMG/RE3	
C967	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	
C968	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	
OTHER PARTS GROUP				Q'ty
△AC701	203 046 003	AC cable (POLARIZED)	for E2,E1C,EUT	
CW730	203 5226 006	3P PH-SAN connector cord		1
CW731	203 5226 019	3P PH-SAN connector cord		1
CX021	205 0581 001	2P VH connector base	for E2,E1C,EUT	1
CX022	205 0606 025	2P wrapping terminal		1
CX024	205 0581 001	2P VH connector base	for E2,E1	1
CX025	205 0606 025	2P wrapping terminal		1
CX031	205 0087 039	3P wrapping terminal		1
CX039	205 0087 030	3P wrapping terminal		1
CX042	205 0343 045	4P connector base (KR-PH)		1
CX052	205 0343 058	5P connector base (KR-PH)		1
CX086	205 1099 000	8P pin header (6035B)		1
CY069	205 0355 062	6P KR connector base (L)		1
CY941	205 0343 045	4P connector base (KR-PH)		1
△F2	206 1051 009	Fuse 12A	for EU,EC,EUT	1
△F2	206 1038 011	Fuse 6.3A	for E2,E1,E1C	1
△F8	206 1046 014	Fuse 8A	for EU,EC,EUT	1
△F8	206 1015 032	Fuse 2.5A	for E2,E1	1
FF702	EP-5870	Fuse holder	for EU,EC,EUT	1
FF703	202 0040 909	Fuse clip	for E2,E1,E1C	1
FF708	202 0040 909	Fuse clip	for EU,EC,E2,E1,EUT	1
FH702	EP-5870	Fuse holder	for EU,EC,EUT	1
FH703	202 0040 909	Fuse clip	for E2,E1,E1C	1
FH708	202 0040 909	Fuse clip	for EU,EC,E2,E1,EUT	1
JK371-373	204 8581 000	3P pin jack (NI-COM.V)		3
JK904,905	204 8260 004	Mini jack		2
JK951	204 8289 001	DC Power jack		1
RL701,702	214 0202 009	Relay DG1U TV-8		2
△T01	233 0073 107	Power trans. (Min)-E3	for EU,EC,EUT	1
△T01	233 0058 025	Power trans. (Min)-E2	for E2,E1	1
△T01	233 0317 009	Power trans.	for E1C	1
W702,703	205 1034 007	M3 Screw terminal		2
W711-715	203 0678 002	1P SIN cord ass'y		5

Ref. No.	Part No.	Part Name	Remarks	Q'ty
	001 0121 076	Vinyl wire	JV19-JV24 for E2,E1	1
	415 0299 000	Condenser cover	for E2,E1,E1C	1
	513 2585 074	Fuse label	for E2,E1	1
	513 2654 057	Fuse label	for E2,E1,E1C	1

1U-3254F/G/H EXT IN UNIT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC505-508	262 2662 002	IC TC9459N	
IC601	263 0898 907	IC NJM5532MD(T1)	
IC603	263 0898 907	IC NJM5532MD(T1)	
IC605	263 0898 907	IC NJM5532MD(T1)	
IC607	263 0898 907	IC NJM5532MD(T1)	
IC801-803	263 0896 909	IC NJM2068MD-T1	for E2,E1,E1C,EUT
IC807	263 0896 909	IC NJM2068MD-T1	for E2,E1,E1C,EUT
IC901-904	263 0896 909	IC TC9274N-012	
IC906	262 2667 007	IC TC9273N-015	
IC907	262 2725 004	IC TC9273N-015	for E2,E1,E1C,EUT
RESISTORS GROUP			
R509,510	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R519,520	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R529,530	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R539,540	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R601,602	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R605,606	247 0007 932	Carbon chip 910 kohm 1/10W	RM73B-911JT
R607,608	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B-512JT
R613,614	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R619,620	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R623	247 0007 932	Carbon chip 910 kohm 1/10W	RM73B-911JT
R624	247 0007 990	Carbon chip 1.6 kohm 1/10W	RM73B-162JT
R625	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B-512JT
R626	247 0010 923	Carbon chip 15 kohm 1/10W	RM73B-153JT
R631,632	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R635,636	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R639,640	247 0007 987	Carbon chip 1.5 kohm 1/10W	RM73B-152JT
R641,642	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B-822JT
R647-650	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R653,654	247 0007 932	Carbon chip 910 kohm 1/10W	RM73B-911JT
R655,656	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R661,662	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R801,802	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R801,802	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R803-806	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R807,808	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R811,812	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R815,816	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R901,902	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R901,902	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R903-906	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R907,908	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R911,912	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT

Ref. No.	Part No.	Part Name	Remarks
R915,916	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R917	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC,EUT
R917	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT for E2,E1,E1C
R918	247 0010 945	Carbon chip 18 kohm 1/10W	RM73B-183JT
R919	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R920	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B-333JT
R921	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R922	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
R923,924	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R927,928	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R931,932	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R933,934	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC,EUT
R933,934	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT for E2,E1,E1C
R935-936	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R939,940	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R943,944	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R947,948	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R949,950	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC,EUT
R949,950	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT for E2,E1,E1C
R951-954	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R955,956	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R959,960	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R963,964	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R965-970	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT for EU,EC
R973	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT

CAPACITORS GROUP

C509,510	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C519,520	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C529,530	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C539,540	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C601,602	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C609,610	254 4525 926	Electrolytic 100μF/50V	CE04W1H100MT SMGR3
C611,612	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C619,620	254 4525 926	Electrolytic 100μF/50V	CE04W1H100MT SMGR3
C621,622	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C629-632	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C639,640	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C641,642	254 4557 936	Electrolytic 10μF/50V	CE04W1H100MT(ARS2)
C643,644	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3
C645,646	254 4557 936	Electrolytic 10μF/50V	CE04W1H100MT(ARS2)
C647,648	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3

Ref. No.	Part No.	Part Name	Remarks
C801,802	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C
C803,804	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C809,810	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C811,812	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3
C813	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C,EUT
C814	257 0003 946	Ceramic chip 33pF/50V	CC73SL1H330JT for E2,E1,E1C
C815,816	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C821,822	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C823,824	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C
C825,826	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C831,832	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C834	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3
C835,836	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C837,838	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C841-844	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C901,902	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C
C903,904	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C909,910	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C911	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C
C912	257 0003 946	Ceramic chip 33pF/50V	CC73SL1H330JT for E2,E1,E1C
C913,914	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C919,920	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C921,922	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C
C923,924	254 4524 985	Electrolytic 10μF/50V	CE04W1H100MT SMGR3
C929,930	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C931,932	257 0005 986	Ceramic chip 330pF/50V	CC73SL1H331JT for E2,E1,E1C
C933,934	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C939,940	254 4524 998	Electrolytic 22μF/50V	CE04W1H220MT SMGR3
C941,942	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3
C944	254 4524 943	Electrolytic 1μF/50V	CE04W1H010MT SMGR3
C946	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3
C948	254 4524 985	Electrolytic 10μF/50V	for E2,E1,E1C,EUT
C952,953	254 4524 985	Electrolytic 10μF/50V	CE04W1H010MT SMGR3

1U-3288F/G DSP UNIT

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW061	205 0942 019	6P connector socket (TUC-P)		1
CW083	205 0885 095	8P connector socket (TUC-P)		1
CW114,115	205 0885 066	11P connector socket (TUC-P)		2
CW122	205 0885 079	12P connector socket (TUC-P)		1
CW154	205 0885 040	15P connector socket (TUC-P)		1
CY063	205 0343 061	6P connector base (KR-PH)	for E2,E1,E1C,EUT	1
JK801	204 8562 003	2P pin jack (S-GND)	for E2,E1,E1C,EUT	1
JK901	204 8513 010	6P pin jack (S-GND)	for E2,E1,E1C,EUT	1
JK902,903	204 8545 004	4P pin jack (GND)		2
SEMICONDUCTORS GROUP				
IC102	262 2519 906	IC SN74LV00APW-EL2		
IC103	262 2673 004	IC ADSST-21061LKS-176		
IC105	262 2518 907	IC SN74LV74APW-EL2		
IC106	262 2611 008	IC TC55V1664BFT-12		
IC109	262 2504 908	IC TC74VHC02FT-TP1		
IC110	262 2673 004	IC ADSST-21061LKS-176		
IC111	262 2606 903	IC SN74AHCT573PW		
IC112	262 2611 008	IC TC55V1664BFT-12		
IC113	262 2610 902	IC SN74LV573APW		
IC114	262 2520 908	IC TC74VHC541FT-TP1		
IC115	262 2671 909	IC HS-8002/A44MHZPCCX		
IC116	262 2503 909	IC TC74FHCT541AFT-TP1		
IC119	262 2779 005	IC LH28FB800BVE-BTL90		
IC120	262 2630 005	IC MSM32R0050-521GS		
IC122	262 2519 906	IC SN74LV00APW-EL2		
IC301	262 2615 004	IC TMP93CS41F		
IC302	262 2610 902	IC SN74LV573APW		
IC303	262 2632 003	IC W29EE011P-90		
IC501-505	269 0178 007	Optical connector GP1F37R1		
IC506	269 0177 008	Optical connector GP1F38T2		
IC507	263 1075 004	IC TK15420D		
IC509,510	262 2386 906	IC SN74HC151NS(TAPE)		
IC511	263 0687 901	IC BA4560F-E2		
IC512	262 2372 004	IC PM4007A		
IC513	262 2386 906	IC SN74HC151NS(TAPE)		
IC516	262 2371 908	IC BR62256F-70LL		
IC517	262 2608 901	IC TC74VHC123AFT		
IC523	262 2608 901	IC TC74VHC123AFT		
IC524	262 2519 906	IC SN74LV00APW-EL2		
IC525	262 2609 900	IC SN74AHCI157PW		
IC527	262 2426 905	IC AK5351-VF		
IC528	399 0575 008	Crystal 12.287 MHz		
IC529	262 2519 906	IC SN74LV00APW-EL2		
IC530	262 2557 900	IC SN74LV14APW-EL2		
IC531	262 2675 015	IC LC89055W-RAB		
IC532	262 2557 900	IC SN74LV14APW-EL2		
IC651,652	263 0934 900	IC BA4510F-E2		
TR301	271 0291 903	Transistor 2SA1182Y/O(TE85L)		
TR302	269 0082 902	Transistor DTC114EKT96		
TR303,304	269 0054 901	Transistor DTC144EKT96		
TR305	269 0082 902	Transistor DTC114EKT96		
TR501	274 0163 904	Transistor 2SD601A		
TR502	272 0125 904	Transistor 2SB709A		
TR503,504	274 0163 904	Transistor 2SD601A		
TR505	272 0125 904	Transistor 2SB709A		
TR506	273 0384 900	Transistor 2SC2412KT96(S)		

Ref. No.	Part No.	Part Name	Remarks
D501	276 0559 909	Diode DAP202KT146	for E2,E1,E1C,EUT
D502	276 0663 905	Diode KV1851-TL	for E2,E1,E1C,EUT
D655	276 0559 909	Diode DAP202KT146	

RESISTORS GROUP

R101	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R102-106	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R107,108	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R109	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R110-131	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R132	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R133-135	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R136	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R137-140	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R141	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R142-152	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R153	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R154	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R156-158	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R160	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R161-177	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R179	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R180	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B-470JT
R181	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R182-187	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R188	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R189-231	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R233-235	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R238-242	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R244	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B-470JT
R245-256	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R260,261	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R265	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R267-273	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R276,277	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R279,280	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B-470JT
R282-287	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B-470JT
R288,289	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R290	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R295	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R296-299	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R301,302	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R303	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R304	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R305,306	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R307	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R308	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R309	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R311,312	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT

Ref. No.	Part No.	Part Name	Remarks
R313	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R314-327	247 2003 989	Carbon chip 33 ohm 1/10W	RM73B-330JT
R328	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R330	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R332	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R335	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R337	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B-473JT
R338	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R340	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R341,342	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R343,344	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R345	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R346	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R501	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R502	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
R503	247 0004 993	Carbon chip 91 ohm 1/10W	RM73B-910JT
R504-506	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R507-511	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R512	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R513	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R514,515	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R516	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R517	247 0008 902	Carbon chip 1.8 kohm 1/10W	RM73B-182JT
R518	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R519	247 0005 947	Carbon chip 150 ohm 1/10W	RM73B-151JT
R520	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R521,522	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R523	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R524	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
R525	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R526	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT
R527	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT

Ref. No.	Part No.	Part Name	Remarks
R528	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R529	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R530	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R531	247 0008 986	Carbon chip 3.9 kohm 1/10W	RM73B-392JT
R532,533	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R535-537	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R538	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R539	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B-822JT
R540,541	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R542	247 0011 986	Carbon chip 68 kohm 1/10W	RM73B-683JT
R543	247 0010 987	Carbon chip 27 kohm 1/10W	RM73B-273JT
R544	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R545	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R546	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R547,548	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R549	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R550	247 0005 921	Carbon chip 120 ohm 1/10W	RM73B-121JT
R551-553	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R554	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R555	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R556-560	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R561,562	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT

Ref. No.	Part No.	Part Name	Remarks
R568	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R569	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R570	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R571-589	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R591-594	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R595	247 0014 967	Carbon chip 1 Mohm 1/10W	RM73B-105JT
R596	247 0009 969	Carbon chip 8.2 kohm 1/10W	RM73B-822JT
R597	247 0008 957	Carbon chip 3 kohm 1/10W	RM73B-302JT
R598	247 0009 914	Carbon chip 5.1 kohm 1/10W	RM73B-512JT
R599	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B-750JT
R601	247 0011 960	Carbon chip 56 kohm 1/10W	RM73B-563JT
R602	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R606	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B-333JT
R611-613	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R614	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R621-624	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R625	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R626-629	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R630	247 0003 981	Carbon chip 33 ohm 1/10W	RM73B-330JT
R631	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R632	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R633,634	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R651-654	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R655,656	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R657,658	247 0010 916	Carbon chip 13 kohm 1/10W	RM73B-133JT
R659,660	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R661,662	247 0008 998	Carbon chip 4.3 kohm 1/10W	RM73B-432JT
R663-666	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R667-670	247 0006 920	Carbon chip 330 ohm 1/10W	RM73B-331JT
R671-673	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R676	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B-470JT
R677	247 2009 983	Carbon chip 10 kohm 1/10W	RM73B-103JT
R678	247 2004 920	Carbon chip 47 ohm 1/10W	RM73B-470JT
R679	247 2018 903	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R681	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT

CAPACITORS GROUP			
C101	257 0008 983	Ceramic chip 100pF/50V	CK73F1H102KT
C102	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C103	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C104	257 0008 983	Ceramic chip 100pF/50V	CK73B1H102KT
C105	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C106	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C107	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C108	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C109,110	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C111	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
C112,113	257 0008 983	Ceramic chip 1000pF/50V	CK73F1H102KT	C306	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C114,115	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C307	254 4466 917	Electrolytic 1μF/50V	CE67C1H010MT
C116,117	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C308	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C118	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C309	254 4466 917	Electrolytic 1μF/50V	CE67C1H010MT
C119,120	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C310	254 4464 906	Electrolytic 100μF/6.3V	CE67C0J101MT
C121	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C311	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C123	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C501,502	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C124,125	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C503	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C126	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C504	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C127	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C505	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C128	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C506	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C129	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C507,508	254 3056 946	Electrolytic 4.7μF/50V	CE04W1H47MBPT (SME)
C130	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C509	257 0014 935	Ceramic chip 0.1μF/25V	for EU,EC
C131	254 4533 950	Electrolytic 470μF/6.3V	CE04W0471M7SMGR3	C510	257 0011 941	Ceramic chip 0.022μF/25V	CK73B1E223KT
C132	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C511	257 0011 996	Ceramic chip 0.1μF/25V	CK73B1E104KT
C134	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C512	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C135	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C513-515	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C136	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C516	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C137	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C517,518	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)
C138	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C519	257 0004 932	Ceramic chip 75pF/50V	CC73SL1H750JT
C139	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C520	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT
C140	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C521,522	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C141	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C523,524	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C142,143	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C525	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C144,145	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C526,527	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C146,147	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C528	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C148	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C529	254 3056 917	Electrolytic 1μF/50V	CE04D1H010MBPT (SME)
C149	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C530	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C150,151	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C531	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C152,153	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C532	254 3056 917	Electrolytic 1μF/50V	CE04D1H010MBPT (SME)
C154,155	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT	C533,534	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C156	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT				for E2,E1,E1C,EUT
C157,158	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C159	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT				
C160	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT				
C161	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C162	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT				
C163	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT				
C164	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C165	254 4503 906	Electrolytic 220μF/4V	CE67CG221MT				
C166	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT				
C167,168	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C169	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT				
C170	254 4464 906	Electrolytic 100μF/6.3V	CE67C0J101MT				
C171	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C180	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C181~184	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT				
C187~191	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				
C192	254 4503 906	Electrolytic 220μF/4V	CE67CG221MT				
C301,302	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT				
C305	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT				

Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
C535	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)	C601	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C536,537	257 0014 935	Ceramic chip 0.1μF/25V	for E2,E1,E1C,EUT	C602-604	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C538	257 0012 982	Ceramic chip 0.022μF/50V	CK73F1H223ZT	C605	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C539	254 4299 906	Electrolytic 10μF/16V	CE04W1C100MT(SRE)	C606	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT
C540	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C607	254 4464 906	Electrolytic 100μF/6.3V	CE67C0J101MT
C541,542	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C608	257 0008 983	Ceramic chip 1000pF/50V	CK73B1H102KT
C543-545	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT	C609	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
C546	254 3053 936	Electrolytic 47μF/16V	CE04D1C470MBPT (SME)	C610	254 4465 921	Electrolytic 10μF/16V	CE67C1C100MT
C547	257 0001 980	Ceramic chip 6pF/50V	CC73SL1H690DT	C611,662	254 4465 921	Electrolytic 10μF/16V	CE67C1C100MT
C548	254 4302 974	Electrolytic 100μF/10V	CE04W1A101MT(SRE)	C663,664	257 0004 961	Ceramic chip 100pF/50V	CC73SL1H101JT
C549	257 0012 966	Ceramic chip 0.01μF/50V	CK73F1H103ZT	C665,666	254 4465 921	Electrolytic 10μF/16V	CE67C1C100MT
			for E2,E1,E1C,EUT	C667,668	257 0007 942	Ceramic chip 1500pF/50V	CC73SL1H152JT
				C669	257 0010 900	Ceramic chip 0.01μF/50V	CK73B1H103KT
				C670	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
							OTHER PARTS GROUP
BF201	261 0152 003	Band pass filter 2.88MHz (5VLT)	for E2,E1,E1C,EUT	BF107	235 0130 903	Chip emifil (11A121)	1
				FB109,110	235 0130 903	Chip emifil (11A121)	2
				FB113-115	235 0130 903	Chip emifil (11A121)	3
				FB116	235 0130 903	Chip emifil (11A121)	for E2,E1,E1C,EUT
				FB117-119	235 0130 903	Chip emifil (11A121)	3
				FB301-312	235 0130 903	Chip emifil (11A121)	12
				FB501-509	235 0130 903	Chip emifil (11A121)	9
				JK501	204 8604 000	1P pin jack (S-GND)	for E2,E1,E1C,EUT
				L501	235 0070 953	Inductor 68μH	for E2,E1,E1C,EUT
				ST501	205 0452 004	Style pin	1
				X302	399 0532 902	Ceramic 12.5 MHz	1
				X501	399 0402 003	Crystal 18.432 MHz	for E2,E1,E1C,EUT
					207 0020 005	IC socket	1
					207 0021 004	IC socket	for IC303
				C599	257 0014 935	Ceramic chip 0.1μF/25V	CK73F1E104ZT
				C600	254 4465 921	Electrolytic 10μF/16V	CE67C1C100MT

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Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
IC301	262 2284 901	IC TC74HCT157AF(TP1)	
IC302	262 2576 907	IC SN74HC74NS(TAPE)	
IC303	262 2284 901	IC TC74HCT157AF(TP1)	
IC304-307	262 2768 906	IC AD1854KRSRL	
IC701-704	263 0896 909	IC NJM2068MD-T1	
IC801-804	263 0898 907	IC NJM5532MD(T1)	
TR301,302	269 0082 902	Transistor DTC114EKT96	
TR303	269 0083 901	Transistor DTA114EKT96	
TR304	269 0082 902	Transistor DTC114EKT96	
TR305-317	269 0083 901	Transistor DTA114EKT96	
TR500	269 0055 900	Transistor DTA114EKT96	
TR501,502	269 0054 901	Transistor DTC114EKT96	
TR703,704	273 0414 906	Transistor 2SC3326(A/B)	
TR707,708	273 0414 906	Transistor 2SC3326(A/B)	
TR711,712	273 0414 906	Transistor 2SC3326(A/B)	
TR715,716	273 0414 906	Transistor 2SC3326(A/B)	
TR801,802	273 0414 906	Transistor 2SC3326(A/B)	
TR805,806	273 0414 906	Transistor 2SC3326(A/B)	
TR817-820	275 0100 902	Transistor 2SK771-5-TB	
D317-320	276 0438 949	Diode MA151WK (TAPE)	
D801,802	276 0438 949	Diode MA151WK (TAPE)	
RESISTORS GROUP			
R301-307	247 0003 981	Carbon chip 33 ohm 1/10W	RM73B-330JT
R308,309	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R310	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R312	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B-473JT
R313-315	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R316	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R317	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R318,319	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R320	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B-473JT
R321-323	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R324	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R325	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R326,327	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R328	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B-473JT
R329-331	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R332	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R333	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R334,335	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R336	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B-473JT
R337-339	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT

Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP			
R340	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R341	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R342,343	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R344	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R353-355	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R356	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R512	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R513	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R516-519	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R703-706	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R707,708	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R709,710	247 0010 990	Carbon chip 30 kohm 1/10W	RM73B-303JT
R711,712	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R713,714	247 0010 990	Carbon chip 30 kohm 1/10W	RM73B-303JT
R715,716	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B-333JT
R719-722	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R723-730	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R731,732	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B-333JT
R735-738	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R741	247 0009 955	Carbon chip 7.5 kohm 1/10W	RM73B-752JT
R742	247 0010 958	Carbon chip 20 kohm 1/10W	RM73B-203JT
R743	247 0009 956	Carbon chip 7.5 kohm 1/10W	RM73B-752JT
R744	247 0010 950	Carbon chip 20 kohm 1/10W	RM73B-203JT
R751-754	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R757-760	247 0009 965	Carbon chip 8.2 kohm 1/10W	RM73B-822JT
R765,766	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R767-770	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R771,772	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R775,776	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R777-780	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R781,782	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R785,786	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R787-790	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R791	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R792	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R795,796	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R797-800	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R801,802	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R805,806	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R811,812	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R813,814	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R817,818	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R823,824	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R825,826	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R829	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R830	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R832	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R833	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R834,835	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R836	247 2011 942	Carbon chip 47 kohm 1/10W	RM73B-473JT
R837-339	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT

Ref. No.	Part No.	Part Name	Remarks
CAPACITORS GROUP			
R837,838	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R841,842	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R847,848	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R849,850	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
R861-868	247 2008 926	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
R869-872	247 2010 969	Carbon chip 22 kohm 1/10W	RM73B-223JT
R885	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
R887-894	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
OTHER PARTS GROUP			
C767,768	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C769,770	255 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C771,772	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C773,774	254 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C775	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C776	256 1058 939	Metalized 0.047μF/50V	CF93A1H473JT(JL)
C777,778	254 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C779,780	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C803,804	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C805,806	254 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C809,810	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C811,812	254 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C815	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C816	255 1265 994	Mylar film 0.033μF/50V	CQ93M1H133JT(B)
C817,818	254 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C821,822	255 1264 908	Mylar film 1000pF/50V	CQ93M1H102JT(B)
C823,824	254 4524 998	Electrolytic 22μF/50V	CQ4W1H220MTSMGRE3
C829-832	254 4524 901	Electrolytic 0.1μF/50V	CQ4W1H010MTSMGRE3
C849	257 0012 966	Ceramic chip 0.01μF/50V	CQ73F1H103ZT
C859-866	255 1265 952	Mylar film 0.015μF/50V	CQ93M1H153JT(B)
Q'ty			
CW107,108	205 0985 018	10P connector socket (TKC-A)	2
CX085	205 0343 087	8P connector base (KR-PH)	1
CX143	205 0375 042	14P connector base (KR-PH)	1
FB301	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
FB303,304	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
FB307	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT
FB326	247 0018 905	Carbon chip 0 ohm 1/10W	RM73B-0R0KT

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Ref. No.	Part No.	Part Name	Remarks	Ref. No.	Part No.	Part Name	Remarks
SEMICONDUCTORS GROUP							
IC401	499 0290 007	Remocon sensor GP1U271X		R401,402	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
IC471	262 2384 908	IC SN74HCU04NS(TAPE)		R403,404	247 0009 903	Carbon chip 100 ohm 1/10W	RM73B-101JT
IC601	263 0898 907	IC NJM5532MD(T1)		R405,406	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
IC602	262 2616 003	IC TC9184AP		R407,408	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
IC603	263 0898 907	IC NJM5532MD(T1)		R424,425	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
IC604	262 2616 003	IC TC9184AP		R426,427	247 0005 903	Carbon chip 100 ohm 1/10W	RM73B-101JT
IC609	263 0615 902	IC BA15218F-DXE2		R471-473	247 0004 977	Carbon chip 75 ohm 1/10W	RM73B-750JT
IC701-704	263 0896 909	IC NJM2068MD-T1		R474-476	247 0005 905	Carbon chip 100 ohm 1/10W	RM73B-101JT
IC705	262 2034 009	IC TC9273N-007		R477	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
IC801	263 0896 909	IC NJM2068MD-T1		R478,479	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
IC901	263 0615 902	IC BA15218F-DXE2		R480	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
TR401	269 0055 900	Transistor DTA144EKT96		R481	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
TR402	269 0082 902	Transistor DTC114EKT96		R482	247 0008 928	Carbon chip 2.2 kohm 1/10W	RM73B-222JT
TR601	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T		R601-604	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
TR691-696	269 0083 901	Transistor DTA114EKT96		R605,606	247 0012 901	Carbon chip 82 kohm 1/10W	RM73B-823JT
TR697	269 0018 905	Transistor DTC143ES(4.7K-4.7K)T		R607,608	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
TR698	269 0083 901	Transistor DTA114EKT96		R609,610	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B-393JT
TR701-718	273 0414 906	Transistor 2SC3326(A/B)		R611,612	247 0014 909	Carbon chip 560 kohm 1/10W	RM73B-564JT
TR801,802	273 0414 906	Transistor 2SC3326(A/B)		R613,614	247 0010 987	Carbon chip 27 kohm 1/10W	RM73B-273JT
TR805	269 0083 901	Transistor DTA114EKT96		R615,616	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B-562JT
TR806	269 0082 902	Transistor DTC114EKT96		R617,618	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
TR901,902	273 0414 906	Transistor 2SC3326(A/B)		R619,620	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
D471-473	276 0559 909	Diode DAP202KT146		R621-624	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
D601-616	276 0432 903	Diode 1SS270A TE (TAPE)		R625,626	247 0012 901	Carbon chip 82 kohm 1/10W	RM73B-823JT
D619	276 0432 903	Diode 1SS270A TE (TAPE)		R627,628	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
D801-808	276 0432 903	Diode 1SS270A TE (TAPE)		R629,630	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B-393JT
D901,902	276 0432 903	Diode 1SS270A TE (TAPE)		R631,632	247 0014 909	Carbon chip 560 kohm 1/10W	RM73B-564JT
ZD401-406	276 0637 902	Zener diode MTZJ6.2AT77		R633,634	247 0010 987	Carbon chip 27 kohm 1/10W	RM73B-273JT
ZD903	276 0458 903	Zener diode HZ55A-1TD		R635,636	247 0009 927	Carbon chip 5.6 kohm 1/10W	RM73B-562JT
LD401	393 9408 903	LED SEL-4214S(TP6)	Red	R637,638	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
				R639	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
				R641,642	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT
				R643,644	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
				R645,646	247 0008 960	Carbon chip 3.3 kohm 1/10W	RM73B-332JT
				R647,648	247 0006 988	Carbon chip 560 ohm 1/10W	RM73B-561JT
				R659	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
				R691-696	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
				R697,698	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
				R699	247 0013 984	Carbon chip 470 kohm 1/10W	RM73B-474JT
				R701,702	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
				R703,704	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
				R707,708	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
				R709,710	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
				R711,712	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
				R713,714	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
				R715,716	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
				R717,718	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
				R719,720	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
				R721,722	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT

Ref. No.	Part No.	Part Name	Remarks
R725,726	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R727,728	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R729,730	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R731,732	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R733,734	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R735,736	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R737,738	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R739,740	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R743,744	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R745,746	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R747,748	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R749,750	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R751,752	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R753,754	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R755,756	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R757,758	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R761,762	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R763,764	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R765,766	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R767,768	247 0004 922	Carbon chip 47 ohm 1/10W	RM73B-470JT
R769,770	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R771,772	247 0009 901	Carbon chip 4.7 kohm 1/10W	RM73B-472JT
R773,774	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R775,776	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R779,780	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R781,782	247 0002 966	Carbon chip 10 ohm 1/10W	RM73B-100JT
R783,784	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R785,786	247 0015 966	Carbon chip 2.7 Mhm 1/10W	RM73B-275JT
R787,788	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R789,790	247 0015 966	Carbon chip 2.7 Mhm 1/10W	RM73B-275JT
R791,792	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R793,794	247 0015 966	Carbon chip 2.7 Mhm 1/10W	RM73B-275JT
R795,796	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R797,798	247 0015 966	Carbon chip 2.7 Mhm 1/10W	RM73B-275JT
R809	241 2380 905	Carbon film 1.2 kohm 1/4W(NB)	RD14B2E122JNBST
R811,812	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R813,814	247 0006 946	Carbon chip 390 ohm 1/10W	RM73B-391JT
R815,816	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R821	247 0009 985	Carbon chip 10 kohm 1/10W	RM73B-103JT
R903-909	247 0005 989	Carbon chip 220 ohm 1/10W	RM73B-221JT
R910	247 0013 926	Carbon chip 270 kohm 1/10W	RM73B-274JT
R911,912	247 0010 961	Carbon chip 22 kohm 1/10W	RM73B-223JT
R913,914	247 0006 962	Carbon chip 470 ohm 1/10W	RM73B-471JT
R915,924	247 0011 944	Carbon chip 47 kohm 1/10W	RM73B-473JT
R936,937	247 0011 957	Carbon chip 51 kohm 1/10W	RM73B-513JT
R938,939	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R949-951	247 0012 927	Carbon chip 100 kohm 1/10W	RM73B-104JT
R952,953	247 0011 902	Carbon chip 33 kohm 1/10W	RM73B-333JT
R954	247 0013 926	Carbon chip 270 kohm 1/10W	RM73B-274JT
R955	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT

Ref. No.	Part No.	Part Name	Remarks
R956	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B-393JT
R960	247 0007 945	Carbon chip 1 kohm 1/10W	RM73B-102JT
R961	247 0011 928	Carbon chip 39 kohm 1/10W	RM73B-393JT

CAPACITORS GROUP			
C401-404	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
C406,407	257 0010 900	Ceramic chip 0.01µF/50V	CK73B1H103KT
C408	254 4305 968	Electrolytic 1µF/50V	CE04W1H100MT(SRE)
C471	257 0014 935	Ceramic chip 0.1µF/25V	CK73F1E104ZT
C475-477	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C478-480	254 4303 960	Electrolytic 33µF/25V	CE04W1E330MT(SRE)
C481,482	257 0003 904	Ceramic chip 22pF/50V	CC73SL1H220JT
C483	257 0012 966	Ceramic chip 0.01µF/50V	CK73F1H103ZT
C484	254 4299 906	Electrolytic 10µF/16V	CE04W1C100MT(SRE)
C485	257 0003 904	Ceramic chip 22pF/50V	CC73SL1H220JT
C603,604	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT(SMGRE3)
C605,606	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682JT(B)
C607,608	255 4200 901	Mylar film 100pF/50V	CQ93P1H101JT
C609,610	254 4524 969	Electrolytic 3.3µF/50V	CE04W1H3R3MT(SMGRE3)
C611,612	256 1058 942	Metallized 0.056µF/50V	CF93A1H563JT(JL)
C613,614	255 1265 949	Mylar film 0.012µF/50V	CQ93M1H123JT(B)
C615,616	254 4525 913	Electrolytic 47µF/50V	CE04W1H47MT(SMGRE3)
C617,618	255 1264 953	Mylar film 2700pF/50V	CQ93M1H272JT(B)
C619,620	255 1265 978	Mylar film 0.022µF/50V	CQ93M1H223JT(B)
C623,624	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT(SMGRE3)
C625,626	255 1265 907	Mylar film 6800pF/50V	CQ93M1H682JT(B)
C627,628	255 4200 901	Mylar film 100pF/50V	CQ93P1H101JT
C629,630	254 4524 969	Electrolytic 3.3µF/50V	CE04W1H3R3MT(SMGRE3)
C631,632	256 1058 942	Metallized 0.056µF/50V	CF93A1H563JT(JL)
C633,634	255 1265 949	Mylar film 0.012µF/50V	CQ93M1H123JT(B)
C635,636	254 4525 913	Electrolytic 47µF/50V	CE04W1H47MT(SMGRE3)
C637,638	255 1264 953	Mylar film 2700pF/50V	CQ93M1H272JT(B)
C639,640	255 1265 978	Mylar film 0.022µF/50V	CQ93M1H223JT(B)
C641-644	254 4524 956	Electrolytic 2.2µF/50V	CE04W1H2R2MT(SMGRE3)
C661	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT(SMGRE3)
C662	254 4304 943	Electrolytic 10µF/35V	CE04W1V100MT(SRE)
C663,664	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C671	254 4524 943	Electrolytic 1µF/50V	CE04W1H101MT(SMGRE3)
C672	254 4305 968	Electrolytic 1µF/50V	CE04W1H101MT(SRE)
C691,692	254 4524 969	Electrolytic 3.3µF/50V	CE04W1H3R3MT(SMGRE3)
C696	254 4522 958	Electrolytic 100µF/35V	CE04W1V101MT(SMGRE3)
C697	254 4524 969	Electrolytic 3.3µF/50V	CE04W1H3R3MT(SMGRE3)
C701-704	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C707	254 4524 943	Electrolytic 1µF/50V	CE04W1H101MT(SMGRE3)
C709-712	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C713-716	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT(SMGRE3)
C719,720	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C721-724	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT(SMGRE3)
C729,730	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C731-734	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT(SMGRE3)

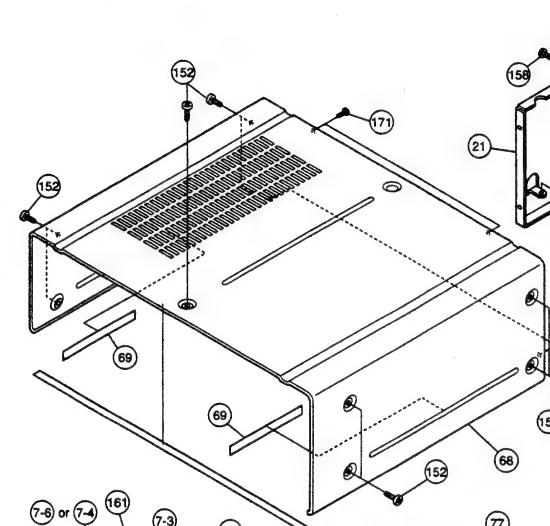
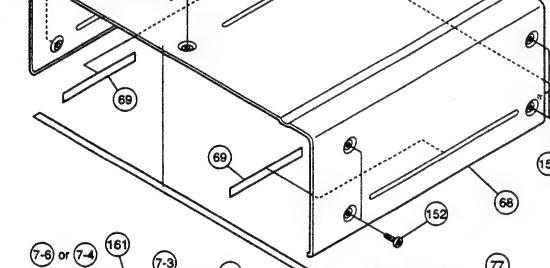
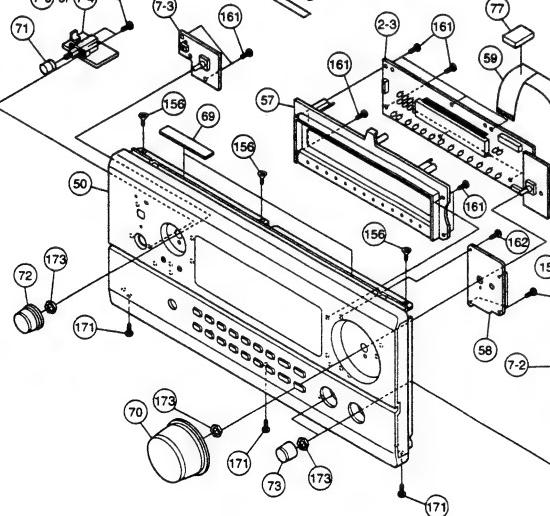
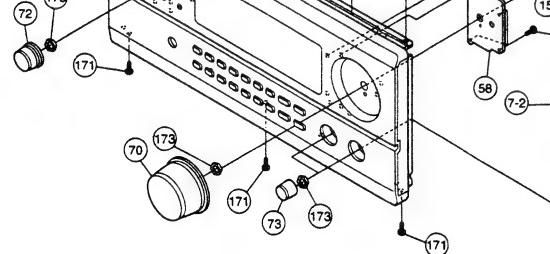
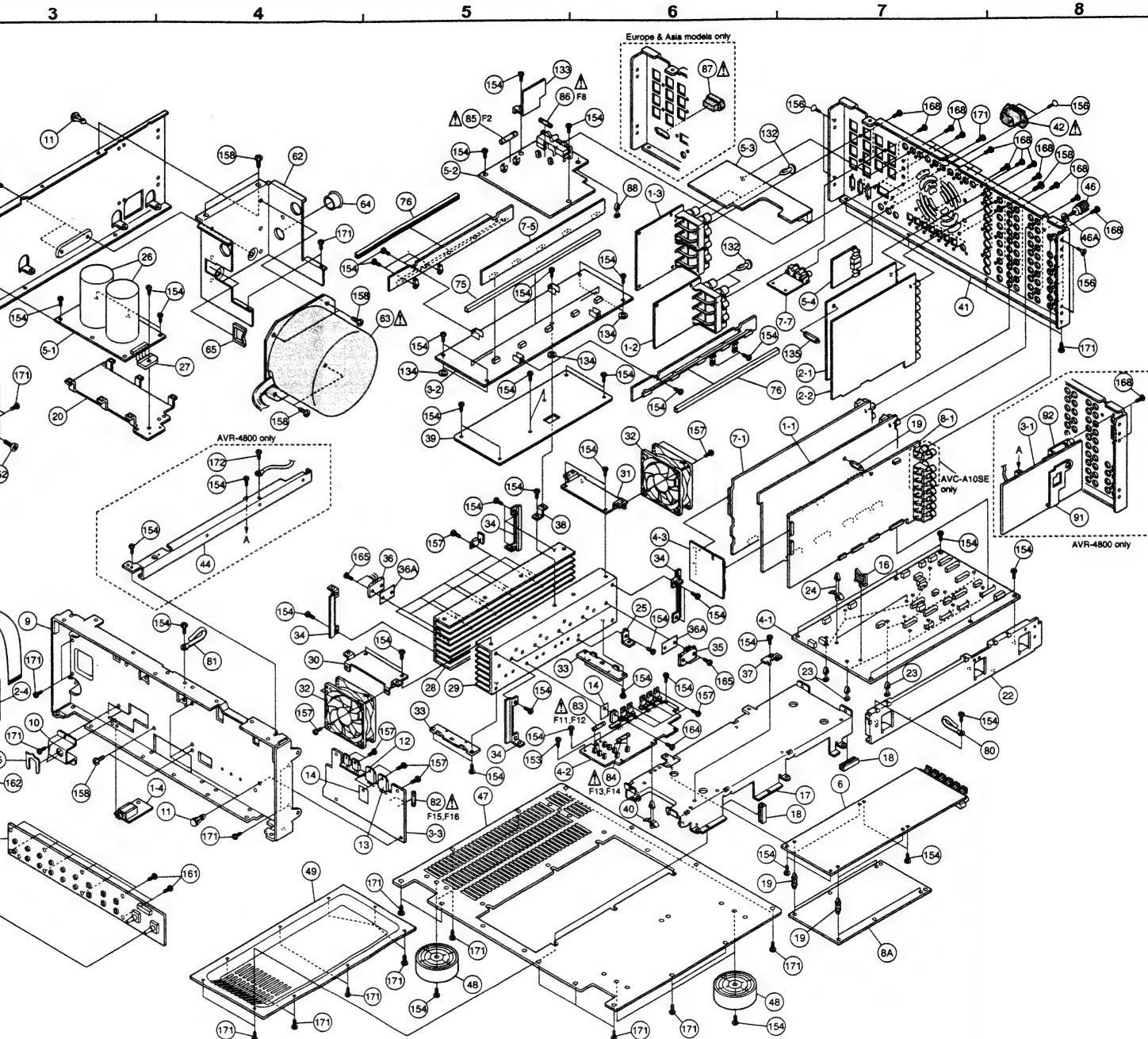
Ref. No.	Part No.	Part Name	Remarks
C737,738	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C739-742	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT(SMGRE3)
C745	254 4524 943	Electrolytic 1µF/50V	CE04W1H101MT(SMGRE3)
C751	254 4524 943	Electrolytic 1µF/50V	CE04W1H101MT(SMGRE3)
C757	254 4524 943	Electrolytic 1µF/50V	CE04W1H101MT(SMGRE3)
C801,802	254 4524 985	Electrolytic 10µF/50V	CE04W1H100MT(SMGRE3)
C805,806	254 4524 998	Electrolytic 22µF/50V	CE04W1H220MT(SMGRE3)
C903-909	254 4524 943	Electrolytic 1µF/50V	CE04W1H101MT(SMGRE3)
C915	254 4304 943	Electrolytic 10µF/35V	CE04W1V100MT(SRE)
C961	254 4524 972	Electrolytic 4.7µF/50V	CE04W1H4R7MT(SMGRE3)
CX074	205 0343 074	7P connector base (KR-PH)	
CX103	205 0375 000	10P connector base (KR-PH)	
CX113	205 0375 013	11P connector base (KR-PH)	
CX739	205 0355 033	3P KR connector base (L)	for EU,EC
CY021	205 0581 001	2P VH connector base	for E2,E1,E1,EUT
CY054	205 0343 058	5P connector base (KR-PH)	
CY113	205 0373 013	11P connector base (KR-PH)	
JK471	204 8577 014	3P pin jack (F-GND NI)	
JK701	204 8543 006	6P pin jack	
JK702-704	204 8540 009	4P pin jack	3
L471-473	235 0060 905	inductor 2.2µH	
RL601,602	214 0203 008	Relay (NA12W-K)	
RL605	214 0203 008	Relay (NA12W-K)	
S401,402	212 0373 000	Rotary encoder EC16B	
S403-420	212 4809 907	Tact switch	18
S421	212 0373 000	Rotary encoder EC16B	1
S422,423	212 4809 907	Tact switch	2
S429	212 0420 005	1P push switch (non lock)	for EU,EC
ST401	205 0452 017	Style pin	
ST601	205 0452 017	Style pin	
W744	203 0526 073	1P contact Ass'y	

Ref. No.	Part No.	Part Name	Remarks	Q'ty
OTHER PARTS GROUP				
CW045	205 0885 082	4P connector socket (TUC-P)		1
CW049	205 0885 082	4P connector socket (TUC-P)		1
CW057	205 0885 008	5P connector socket (TUC-P)		1
CW062	205 0942 019	6P connector socket (TUC-P)		1
CW112	205 0885 066	11P connector socket (TUC-P)		1
CW116,117	205 0885 066	11P connector socket (TUC-P)		2
CW119	205 0885 066	11P connector socket (TUC-P)		1
CW739	203 4834 004	3P KR-DA connector cord	for EU,EC	1
CW941,942	205 0885 082	4P connector socket (TUC-P)		2
CW944,945	205 0885 082	4P connector socket (TUC-P)		2
CX074	205 0343 074	7P connector base (KR-PH)		1
CX103	205 0375 000	10P connector base (KR-PH)		1
CX113	205 0375 013	11P connector base (KR-PH)		1
CX739	205 0355 033	3P KR connector base (L)	for EU,EC	1
CY021	205 0581 001	2P VH connector base	for E2,E1,E1,EUT	1
CY054	205 0343 058	5P connector base (KR-PH)		1
CY113	205 0373 013	11P connector base (KR-PH)		1
JK471	204 8577 014	3P pin jack (F-GND NI)		1
JK701	204 8543 006	6P pin jack		1
JK702-704	204 8540 009	4P pin jack	3	
L471-473	235 0060 905	inductor 2.2µH		3
RL601,602	214 0203 008	Relay (NA12W-K)		2
RL605	214 0203 008	Relay (NA12W-K)		1
S401,402	212 0373 000	Rotary encoder EC16B		2
S403-420	212 4809 907	Tact switch	18	
S421	212 0373 000	Rotary encoder EC16B		1
S422,423	212 4809 907</td			

EXPLODED VIEW

1 2 3 4 5 6 7 8

WARNING:
 Parts marked with this symbol have critical characteristics.
 Use ONLY replacement parts recommended by the manufacturer.

A**B****C****D****E**

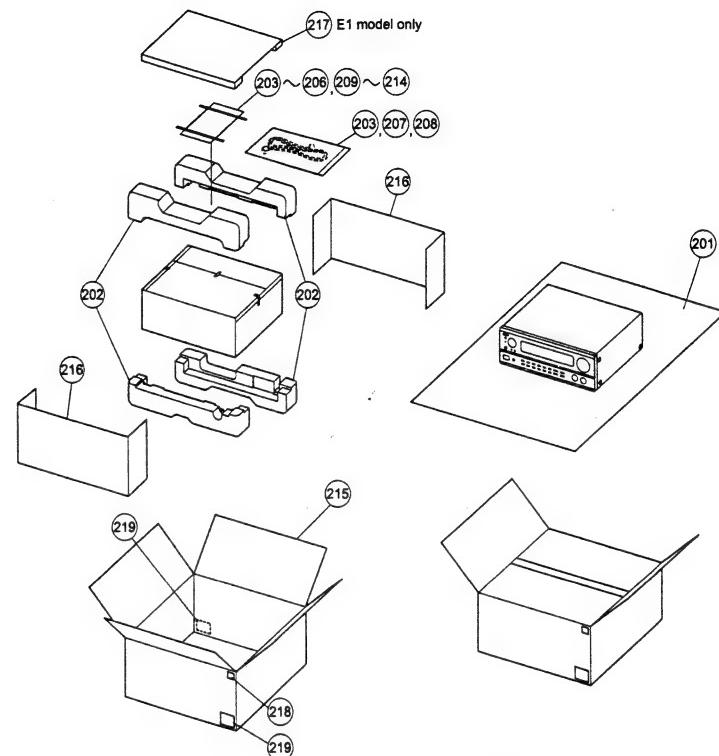
PARTS LIST OF EXPLODED VIEW

Note : The symbols in the column "Remarks" indicate the following destinations.
 EU: U.S.A. model (AVR-4800) E2: Europe model
 E1C: China model EC: Canada model (AVR-4800)
 E1: Asia model EUT: Taiwan R.O.C. model

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
1	1U-3124F	Audio IN & SP unit Ass'y	for EU,EC,EUT	1	17	411 1397 006	Center chassis		1
1	1U-3124G	Audio IN & SP unit Ass'y	for E2,E1,E1C	1	18	449 0114 010	Edging (CE-016)		2
1-1		Audio IN unit			19	449 0133 017	PWB holder		6
1-2		Speaker unit-1			20	412 4501 009	PWB bracket		1
1-3		Speaker unit-2			21	411 1399 101	Side chassis (L)		1
1-4		Headphone unit			22	411 1400 003	Side chassis (R)		1
2	1U-3125F	Video & FLD unit Ass'y		1	23	412 2814 028	Card spacer (L=10)		13
2-1		S video unit			24	409 0052 019	Holder (A)		2
2-2		C video unit			25	412 4474 000	PWB bracket		1
2-3		FLD unit			26	254 4548 709	Electrolytic 18000μF/71V	C756,757	2
2-4		Master VR unit			27	276 0698 006	Diode RBV-1506	D751	1
3	1U-3126F	Tuner & AMP. unit Ass'y	for EU,EC	1	28	—	Power radiator (L)		1
3	1U-3126G	Tuner & AMP. unit Ass'y	for E2,E1,E1C	1	29	—	Power radiator (R)		1
3	1U-3126H	Tuner & AMP. unit Ass'y	for EUT	1	30	412 4475 009	Radiator bracket (A)		1
3-1		Tuner unit	for EU,EC only		31	412 4475 012	Radiator bracket (A)		1
3-2		AMP. unit			32	421 0749 005	Fan (80×80) 24V		2
3-3		Pre-regulator unit			33	412 4476 105	Radiator bracket (B)		2
4	1U-3127F	Main & regulator unit Ass'y	for EU,EC	1	34	412 4477 007	Side plate		4
4	1U-3127G	Main & regulator unit Ass'y	for E2,E1,E1C	1	35	271 0296 005	Transistor MP1715	TR805,806,845,846,883	5
4	1U-3127H	Main & regulator unit Ass'y	for EUT	1	36	273 0452 007	Transistor MN1715	TR803,804,843,844,882	5
4-1		Main u-com. Unit			36A	—	Mica sheet	Accessories for transistor	10
4-2		Digital regulator unit			37	412 3225 205	PWB bracket (A)		1
4-3		Connect unit			38	412 4248 003	PWB bracket (D)		1
5	1U-3128F	Rectifier & primary unit Ass'y	for EU,EC	1	39	417 0580 016	CU plate		1
5	1U-3128G	Rectifier & primary unit Ass'y	for E2,E1	1	40	415 9016 022	P.C.B. holder		1
5	1U-3128I	Rectifier & primary unit Ass'y	for E1C	1	41	105 1299 254	Back panel	for EU,EC	1
5	1U-3128H	Rectifier & primary unit Ass'y	for EUT	1	41	105 1299 270	Back panel	for E2,E1	1
5-1		Rectifier unit			41	105 1299 296	Back panel	for E1C	1
5-2		Primary unit			41	105 1299 283	Back panel	for EUT	1
5-3		Component unit			★ 42	203 3270 000	—		
5-4		Multi IR unit			★ 43	445 8004 007	Wire clammer		9
6	1U-3288F	DSP unit Ass'y	for EU,EC	1	44	412 4478 213	Support bracket	for EU,EC	1
6	1U-3288G	DSP unit Ass'y	for E2,E1,E1C,EUT	1	46	205 0071 016	Terminal Ass'y		1
7	1U-3275F	Tone preout unit Ass'y	for EU,EC	1	46A	477 0018 014	Washer (P-87) D10		1
7	1U-3275G	Tone preout unit Ass'y	for E2,E1,E1C,EUT	1	47	105 1306 008	Bottom cover		1
7-1		Tone preout unit			48	104 0194 289	Foot Ass'y		4
7-2		Tact switch unit			49	105 1332 001	D/A cover		1
7-3		Remote control unit			50	144 2689 114	Front panel Ass'y	for EU,EC	1
7-4		Power switch unit	for E2,E1,E1C,EUT only		50	144 2689 130	Front panel Ass'y	for E2 gold model, E1,E1C,EUT	1
7-5		Signal unit			50	144 2689 127	Front panel Ass'y	for E2 black model	1
7-6		Power switch-2 unit	for EU,EC only		57	146 2122 237	FLD frame Ass'y	for black model	1
7-7		Coaxial unit			57	146 2122 224	FLD frame Ass'y	for gold model	1
8	1U-3254F	EXT. IN unit Ass'y	for EU,EC	1	57	146 2122 224	FLD frame Ass'y	for gold model	1
8	1U-3254G	EXT. IN unit Ass'y	for E2,E1,E1C	1	58	412 4177 006	VR bracket		1
8	1U-3254H	EXT. IN unit Ass'y	for EUT	1	59	009 0182 006	29P FFC cable		1
8A	1U-3274F	D/A unit Ass'y		1	62	412 4482 102	Trans. bracket		1
9	411 1398 005	Front chassis		1	63	223 0211 000	Power frame	for EU,EC,E1C	
10	412 4578 003	Phone bracket		1	63	223 0211 002	Power frame	for E2,E1,E1C	
11	412 2741 007	P.W.B. holder (H=8)		4	63	223 0211 004	Power frame	for E1C	
12	273 0389 031	Transistor 2SC855 LB(O/P)(1/2)	TR928	1	64	462 0089 025	Bush		1
13	271 0240 035	Transistor 2SA1491 LB(O/P)(1/2)	TR927	1	65	445 0100 006	Edging (EDS-2323U)		1
14	415 0234 007	Insulating sheet		3	66	102 0576 254	Top cover	for black model	1
15	441 1793 009	Snap plate		1	66	102 0576 241	Top cover	for gold model	1
16	441 0514 005	Wire clip		1	69	461 0501 005	Rubber sheet		4

Ref. No.	Part No.	Part Name	Remarks	Q'ty
70	112 0828 019	Knob Ass'y (M)	for black model	1
70	112 0828 006	Knob Ass'y (M)	for gold model	1
71	113 1792 008	Power knob Ass'y	for black model	1
71	113 1792 011	Power knob Ass'y	for gold model	1
72	112 0773 106	Knob Ass'y (F)	for black model	1
72	112 0773 119	Knob Ass'y (F)	for gold model	1
73	112 0787 037	Knob (M) Ass'y	for black model	2
73	112 0787 024	Knob (M) Ass'y	for gold model	2
75	449 0122 060	Edging (CE-012)		1
76	449 0122 073	Edging (CE-012)		2
77	461 0639 016	Rubber sheet		1
80	445 0048 016	Cord holder (L50)		1
81	445 0048 003	Cord holder (L76)		1
82	208 1039 009	Fuse 3.15A	F15,16 for EU,EC,EUT	2
82	208 1015 074	Fuse 3.15A	F15,16 for E2,E1,E1C	2
83	208 1039 009	Fuse 3.15A	F11,12 for EU,EC,EUT	2
83	208 1015 074	Fuse 3.15A	F11,12 for E2,E1,E1C	2
84	208 1039 003	Fuse 2.0A	F13,14 for EU,EC,EUT	2
84	208 1015 001	Fuse 2A	F13,14 for E2,E1,E1C	2
85	208 1051 000	Fuse 12A	F2 for EU,EC,EUT	1
85	208 1039 011	Fuse 6.3A	F2 for E2,E1,E1C	1
86	208 1046 014	Fuse 8A	F8 for EU,EC,EUT	1
86	208 1015 032	Fuse 2.5A	F8 for E2,E1	1
87	203 3961 000	AC outlet	AC701 for E2,E1	1
88	412 2814 057	Card spacer (L=12)	for E2,E1,E1C	1
91	414 0878 004	Shield plate (A)	for EU,EC	1
92	414 0879 003	Shield plate (B)	for EU,EC	1
★ 92A	203 0312 009	AMISEN Ass'y	for Shield plate (B)	1
★ 94	204 6350 000	11P KR-KR ribbon 70	CN111	1
★ 95	204 2546 041	8P KR-KR ribbon 125	CN081	1
★ 96	204 0378 059	6P KR-KR ribbon 150	CN068	1
★ 97	203 6386 013	4P KR-KR ribbon 300	CN042	1
★ 98	203 4871 070	3P KR-KR ribbon 200	CN932	1
★ 99	203 6386 084	4P KR-KR ribbon 475	CN041	1
★ 100	204 0379 032	6P KR-KR ribbon 350	CN064	1
★ 101	204 6625 007	12P PH-PH connector cord	CN124	1
★ 102	204 6623 012	13P PH-PH connector cord	CN137	1
★ 103	203 8341 014	5P KR-KR ribbon 80	CN054	1
★ 104	203 6386 013	4P KR-KR ribbon 300	CN941	1
★ 105	204 0379 058	6P KR-KR ribbon 400	CN069	1
★ 106	203 8342 013	5P KR-KR ribbon 300	CN052	1
★ 107	204 2548 007	8P KR-KR ribbon 550	CN084	1
151	470 0009 022	Screw 3x6 CPS (SW.W) ZnP		8
152	477 0263 005	3P. swelling screw	for black model	9
152	477 0263 018	3P. swelling screw	for gold model	9
153	473 7002 005	Screw 3x6 CBTS (S)-Z		3
154	473 7002 018	Screw 3x8 CBTS (S)-Z		62
156	473 7003 017	Screw 3x8 CFTS (S)-B	for EU,EC	9
156	473 7003 017	Screw 3x8 CFTS (S)-B	for E2,E1,E1C,EUT	8
157	473 7005 002	Screw 3x10 CBTS (S)-Z		22
158	473 7007 000	Screw 4x8 CBTS (S)-B		12
161	473 7500 015	Screw 3x8 CBTS (P)-Z		23
162	473 7505 007	Screw 2.6x8 CBTS (P)-Z		4
164	473 8007 009	Cup screw 3x12		1
165	473 8007 067	Cup screw 3x18		20
168	477 0064 107	Fixing screw	for EU,EC,E2,E1,E1C	40
168	477 0064 107	Fixing screw	for EUT	42
171	473 7015 005	Screw 3x6 CBTS (S)-B	for EU,EC	39
171	473 7015 005	Screw 3x6 CBTS (S)-B	for E2,E1,E1C,EUT	37
172	473 7005 086	Screw 3x4 CBTS (S)-Z	for EU,EC	1
173	—	9 nut	Accessories for rotary encoder	4

PACKING VIEW



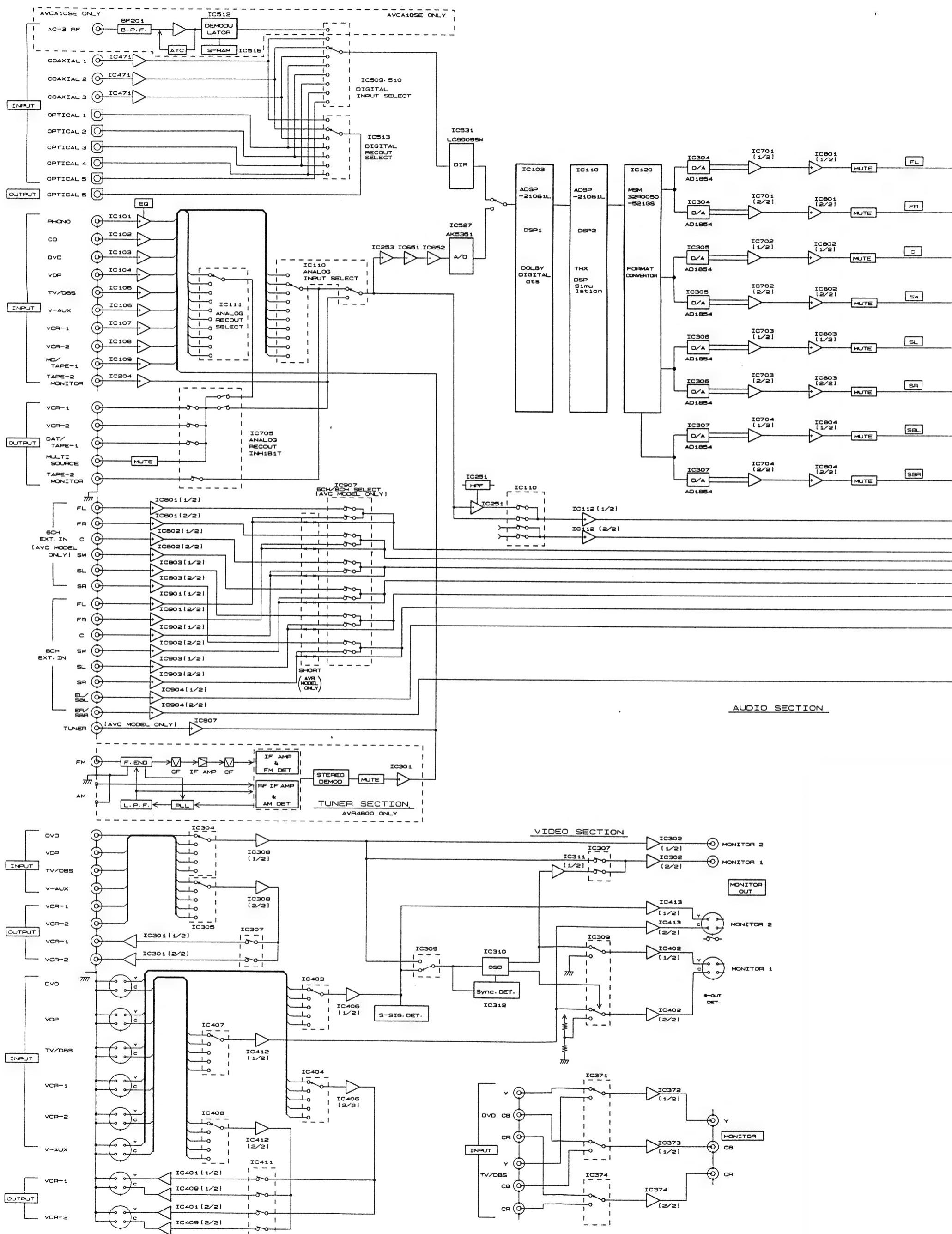
Note : The symbols in the column "Remarks" indicate the following destinations.
 EU : U.S.A. model (AVR-4800)
 E2 : Europe model
 EC : China model
 E1 : Canada model
 EUT : Taiwan R.O.C. model

PARTS LIST OF PACKING & ACCESSORIES

Ref. No.	Part No.	Part Name	Remarks	Q'ty	Ref. No.	Part No.	Part Name	Remarks	Q'ty
201	504 0192 106	Cabinet sheet		1	211	231 0922 009	Loop antenna	for EU,EC	1
202	503 1316 205	Cushion Ass'y		1	212	395 0019 009	FM antenna Ass'y	for EU,EC	1
203	505 8006 019	Envelope		2	213	529 0079 008	FM antenna adapter	for EU,EC	1
204	511 3544 005	Instruction manual	for EU,EC	1	214	515 0817 009	DEL warranty home	for EU	1
204	511 3590 004	Instruction manual	for E2	1	215	501 2024 040	Carton case	for EU,EC	1
204	511 3591 003	Instruction manual	for E1,E1C,EUT	1	215	501 2024 066	Carton case	for E2,E1C	1
205	511 3576 002	Instruction manual	for EC	1	215	501 2024 079	Carton case	for E1,EUT	1
205	511 3592 002	Instruction manual	for E1,EUT	1	216	501 2042 006	Spacer	for EU,EC,E2,E1C,EUT	2
205	511 3589 002	Instruction manual	for E1C	1	216	501 2042 019	Spacer	for E1	2
206	515 0671 708	Service station list (EX)		1	217	503 1324 006	Cushion	for E1	1
△ 207	206 2157 009	AC cord set	for EU,EC,EUT	1	218	513 3327 008	Bar code label base	for EU,EC,E2,E1C,EUT	1
△ 207	206 2154 002	AC cord with connector	for E2,E1	1	219	513 1389 006	Control card base		1
△ 207	206 2189 006	AC cord	for E1C	1	★ 220	515 0627 105	DCI warranty home	for EC	1
△ 208	206 2148 006	AC cord (BS3P)	for E1	1	★ 221	513 9111 001	Color label (gold)	for gold model	2
209	399 0587 009	Remote controller RC-869		1	★ 222	513 3195 049	Kolin label	for EUT	1
210	—	Battery (R6P×2)		1					

BLOCK DIAGRAM

1 2 3 4 5 6



6

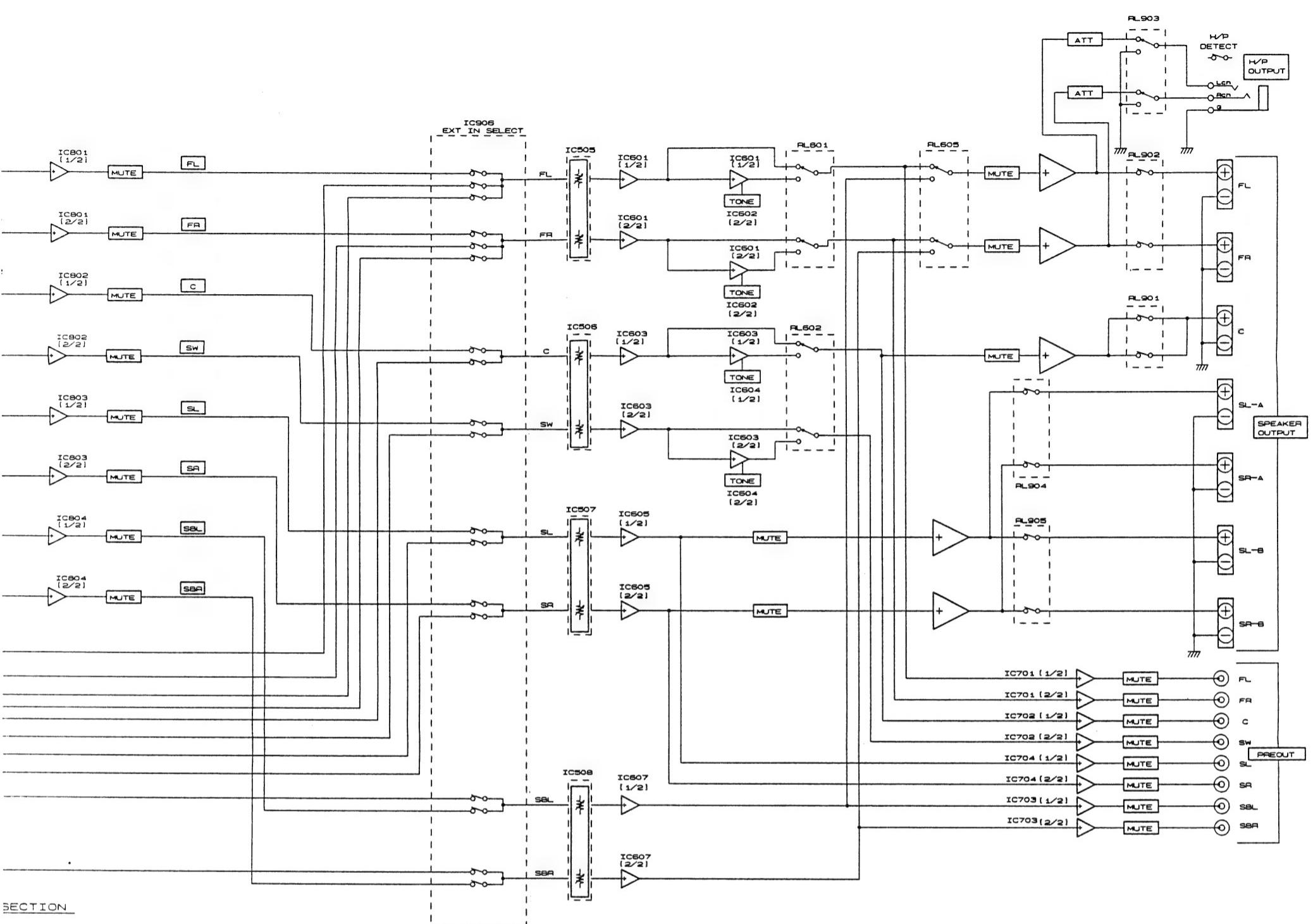
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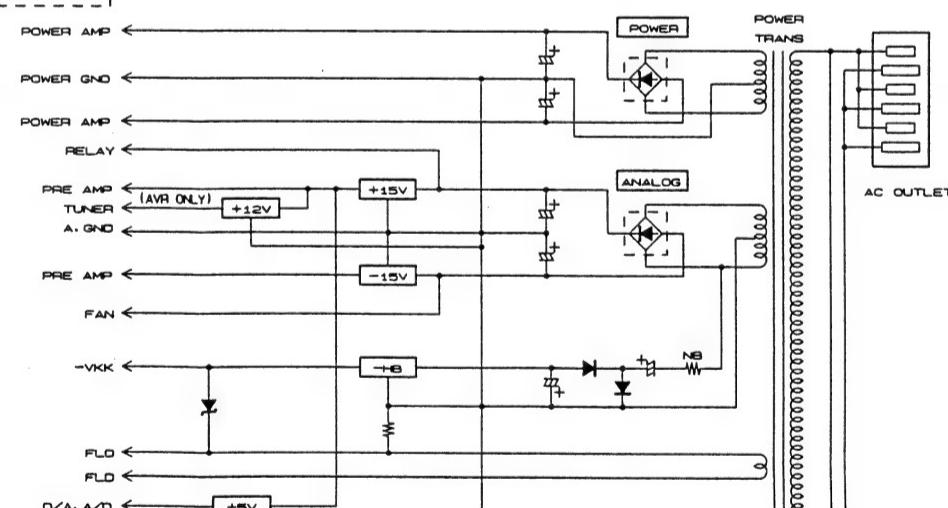
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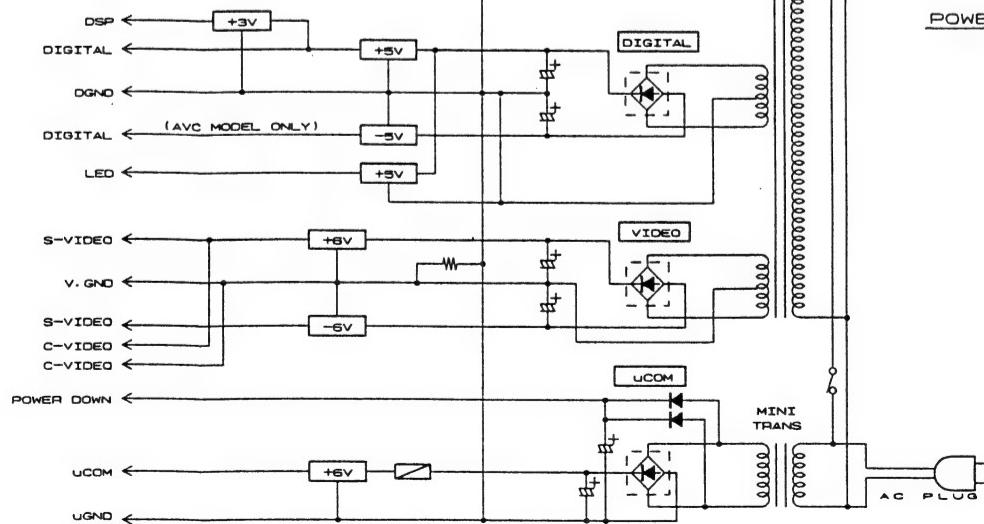
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SECTION

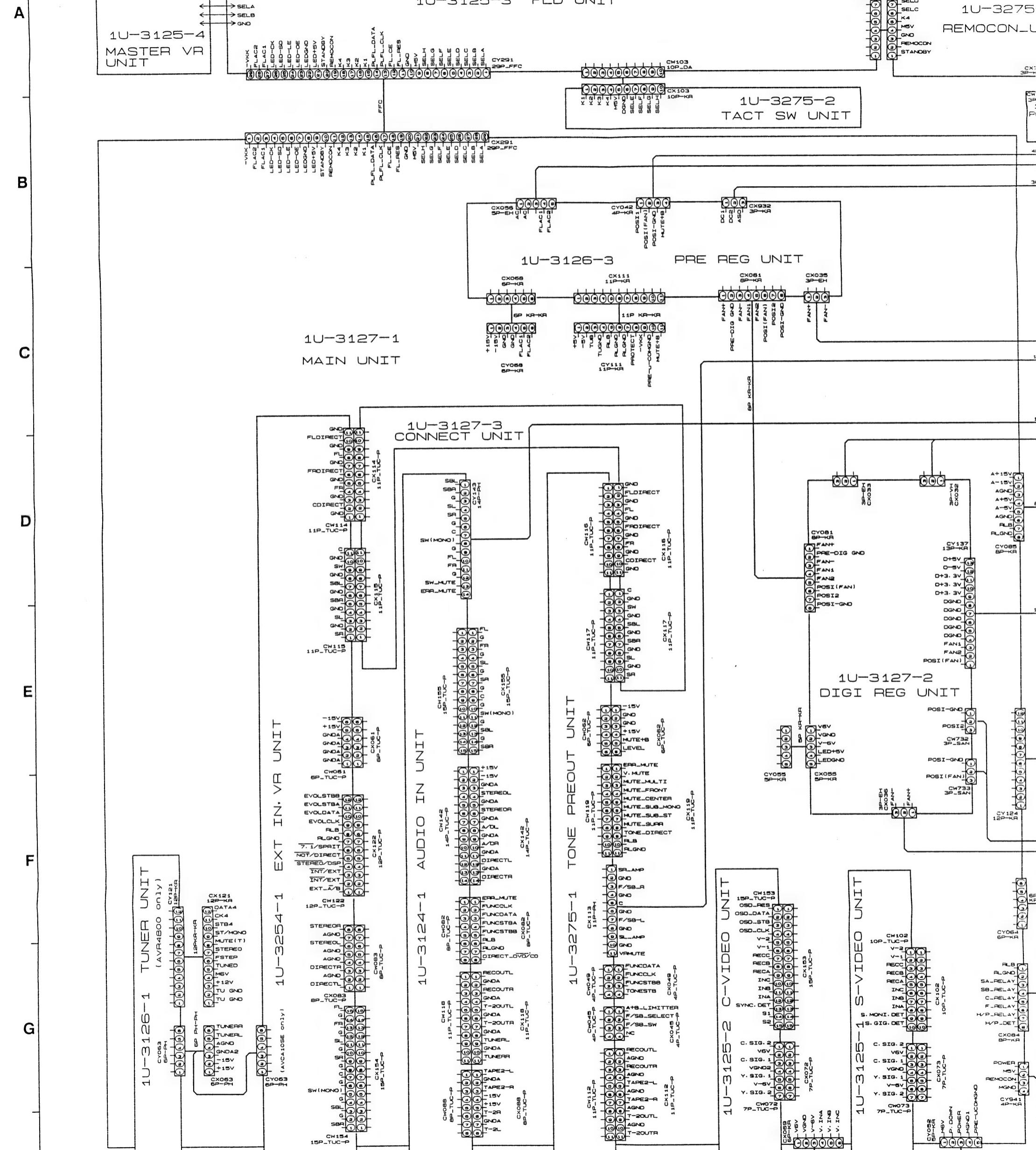


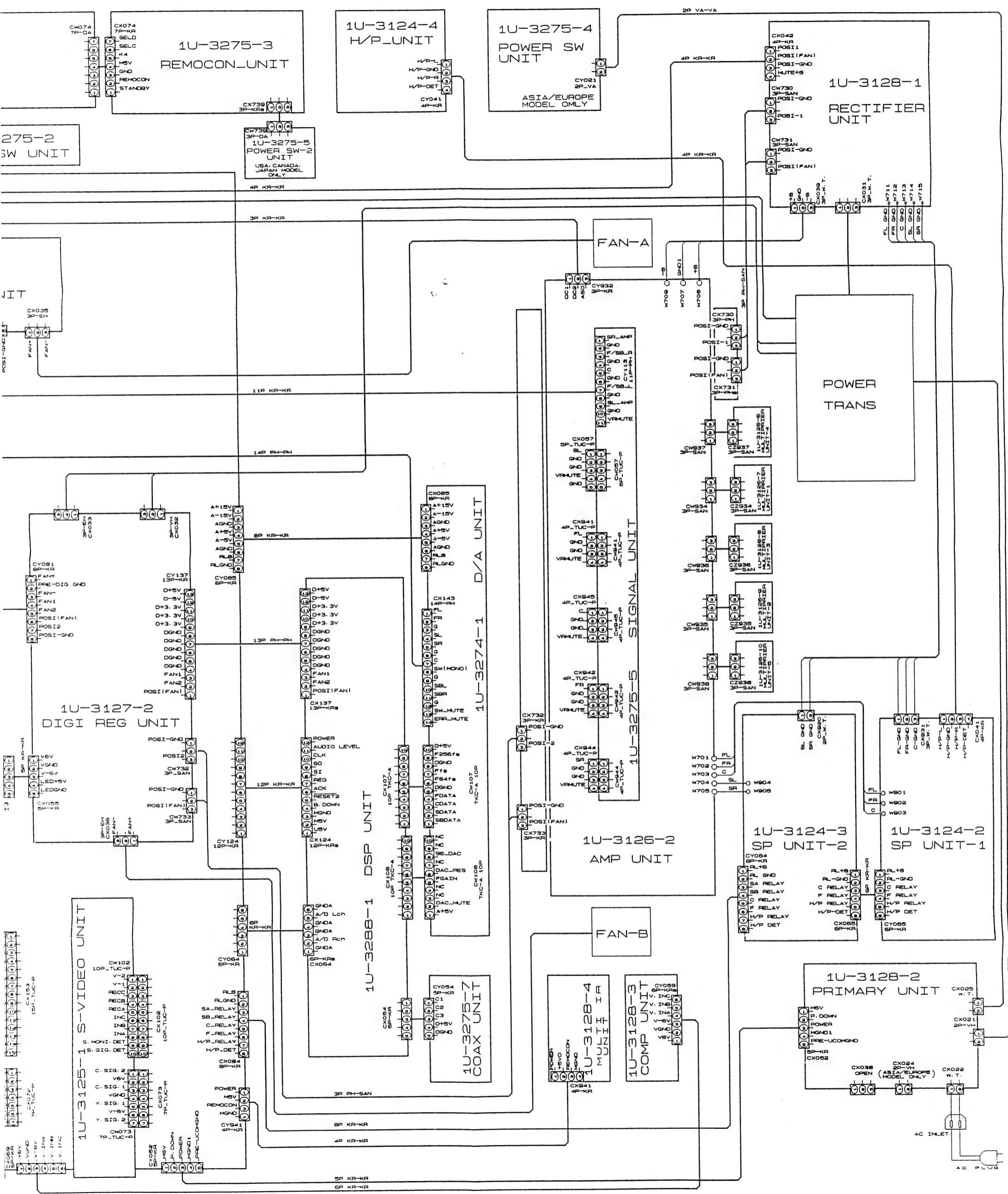
POWER SUPPLY SECTION



WIRING DIAGRAM

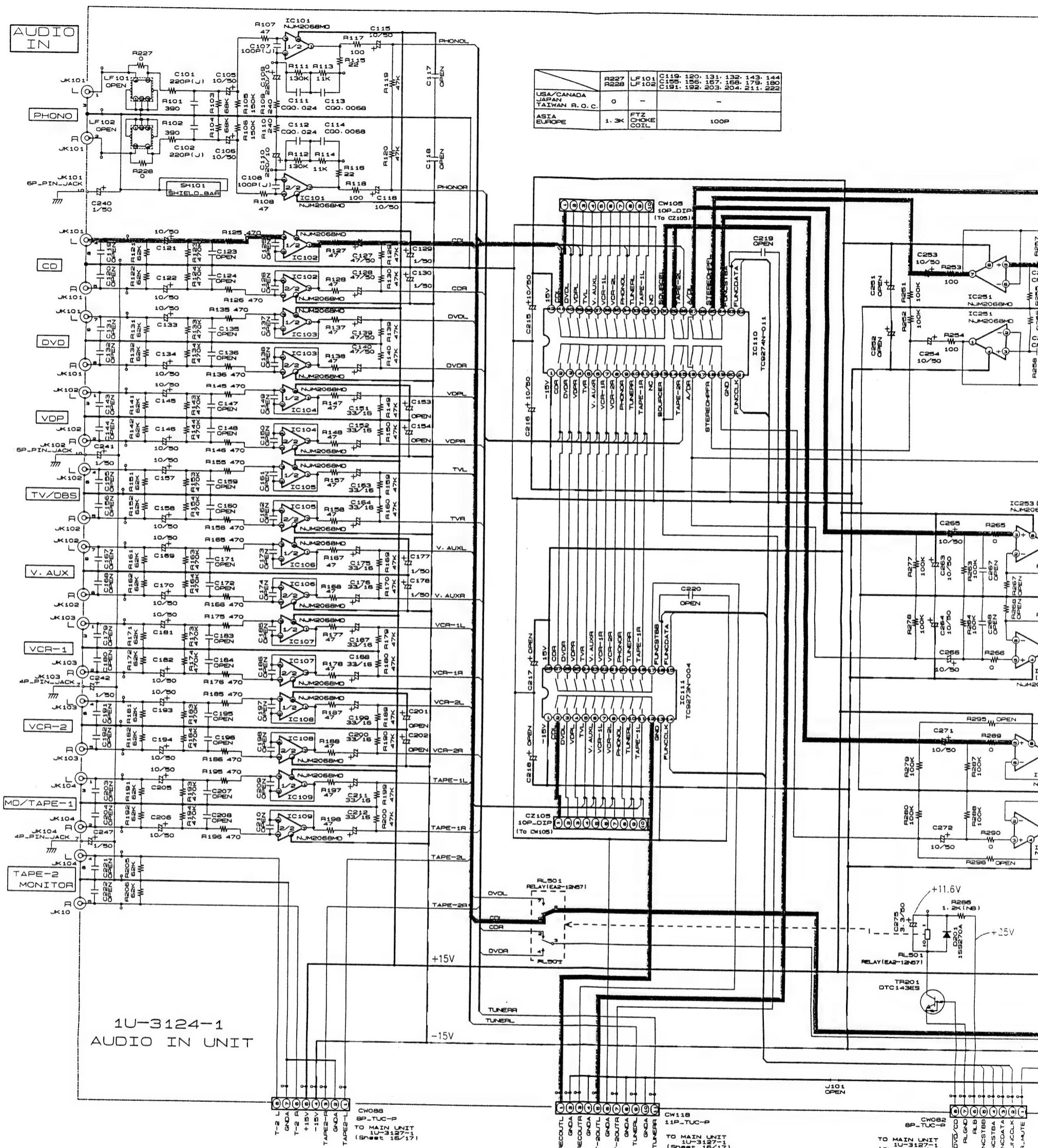
1 2 3 4 5 6

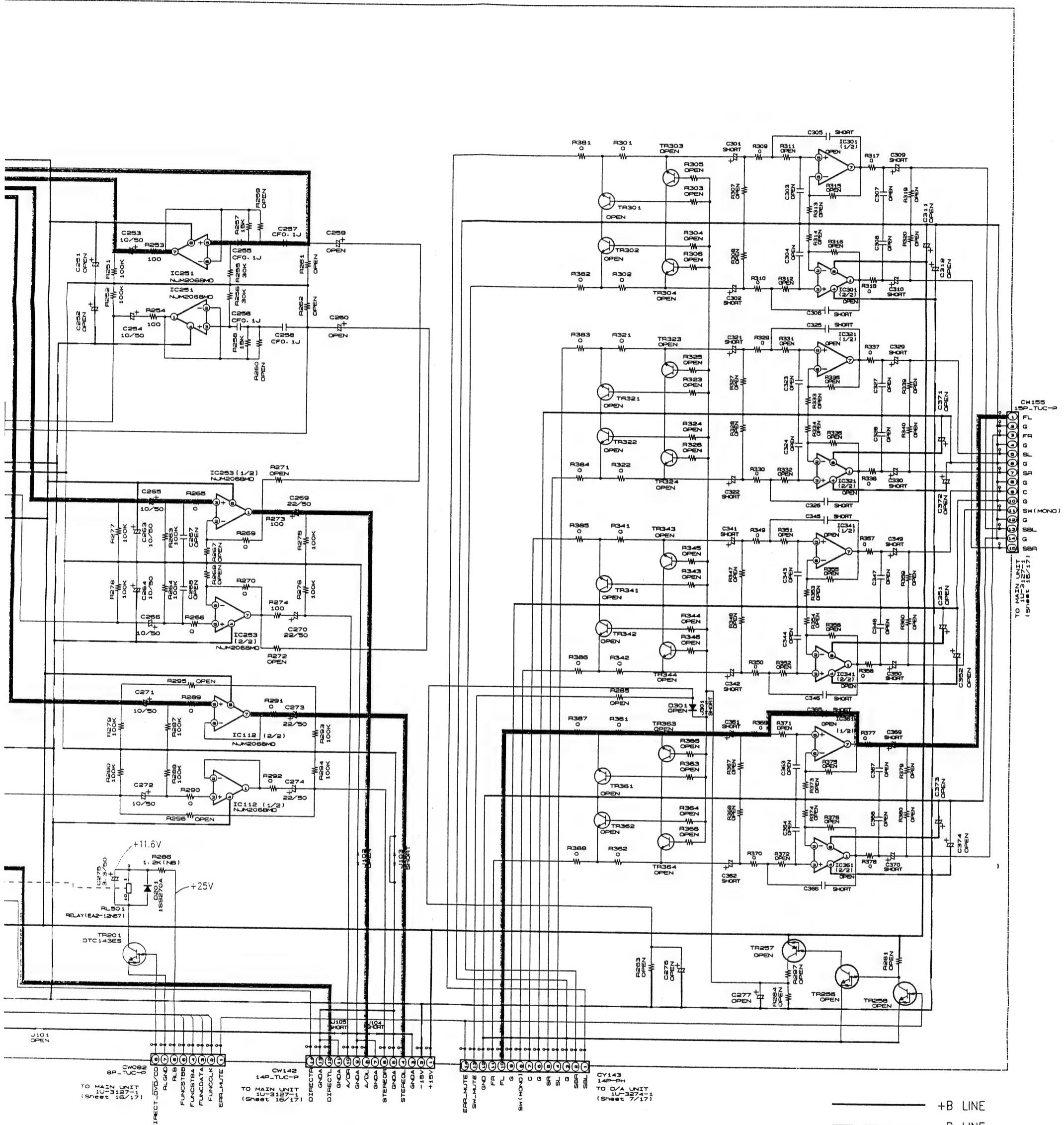




SCHEMATIC DIAGRAMS (1/17)

1 2 3 4 5 6





WARNING:

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CAUTION:

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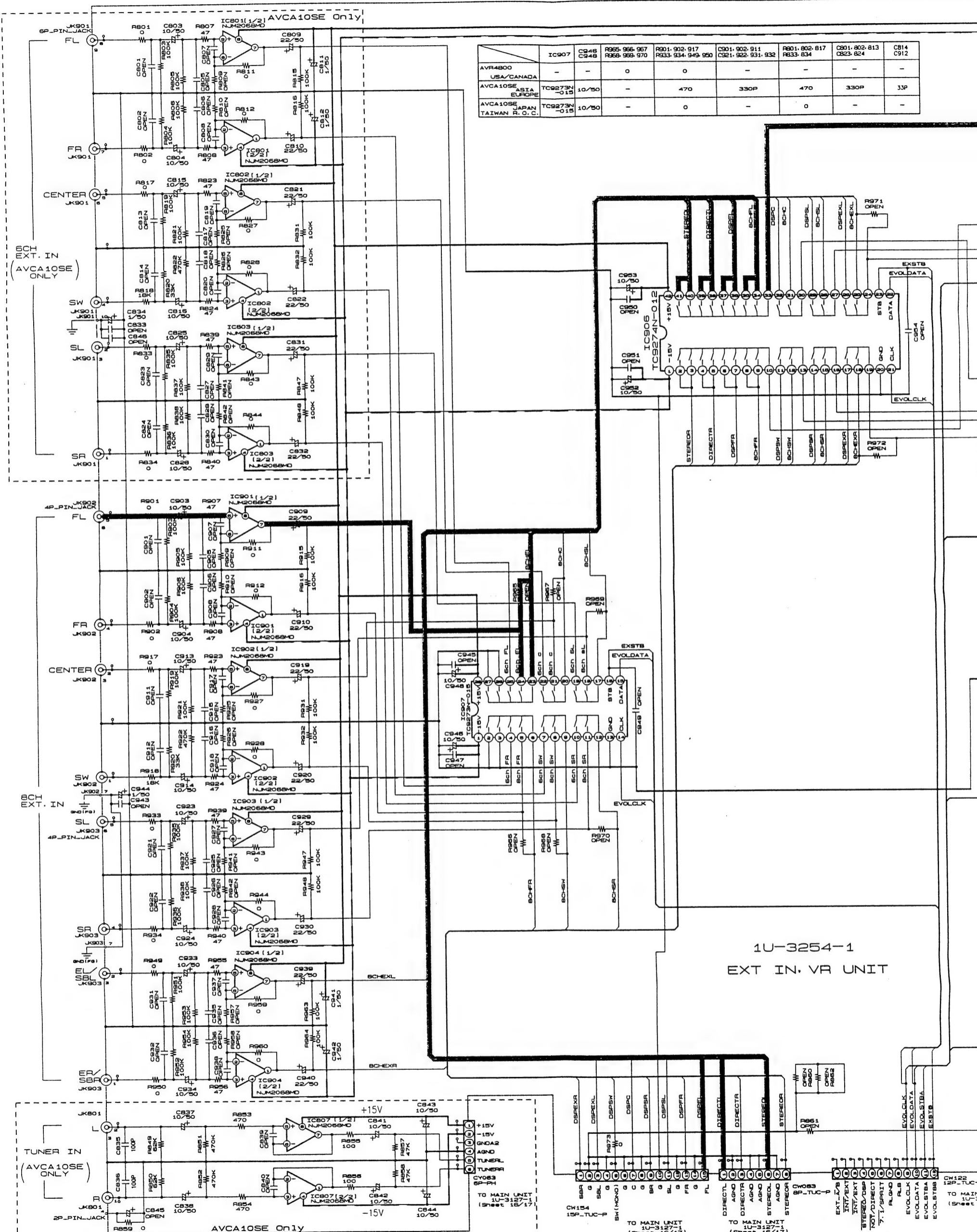
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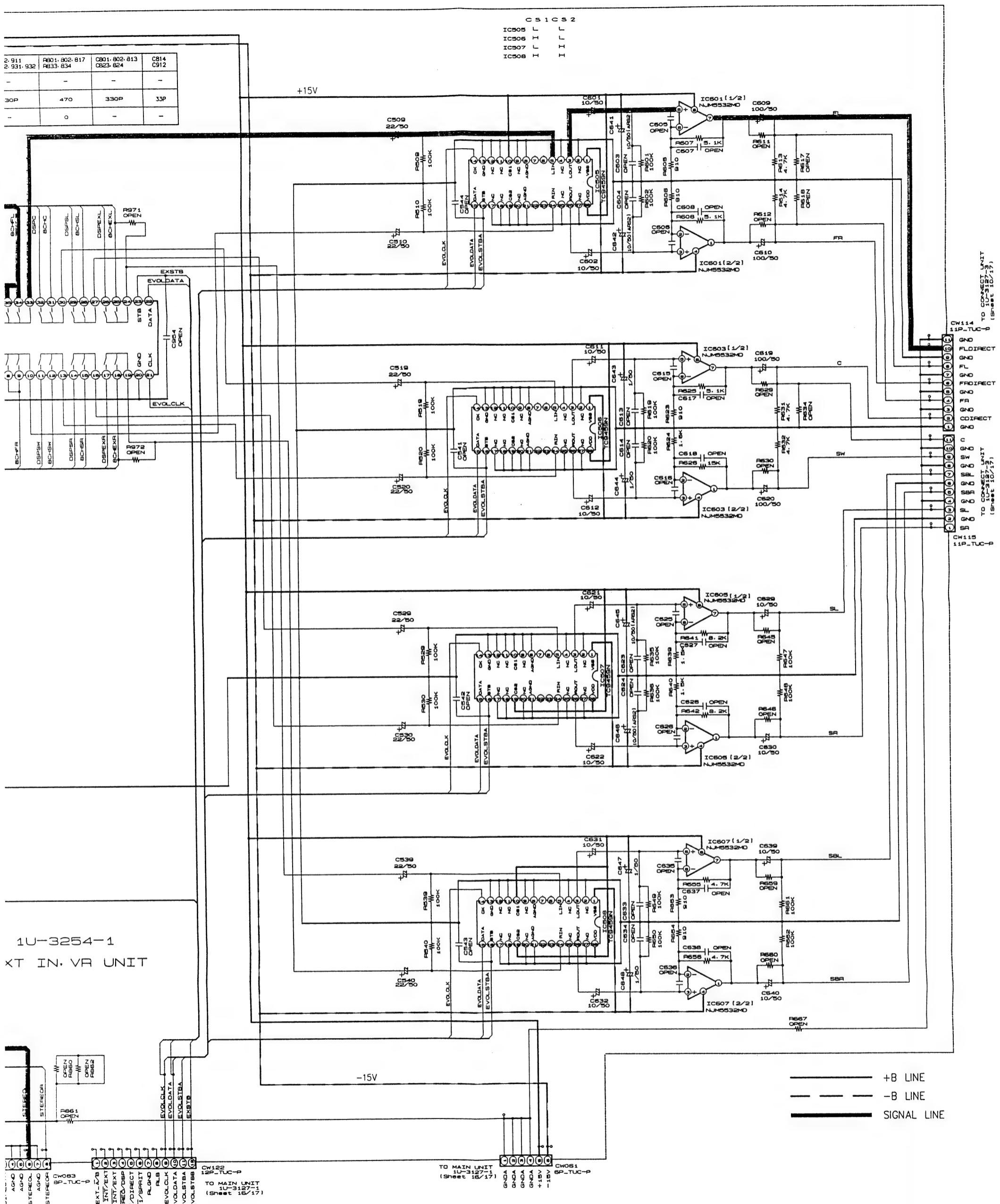
DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (1/17) 1U-3124-1 AUDIO IN UNIT

SCHEMATIC DIAGRAMS (2/17)

1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____





SCHEMATIC DIAGRAMS (2/17) 1U-3254-1 EXT IN, VR UNIT

6

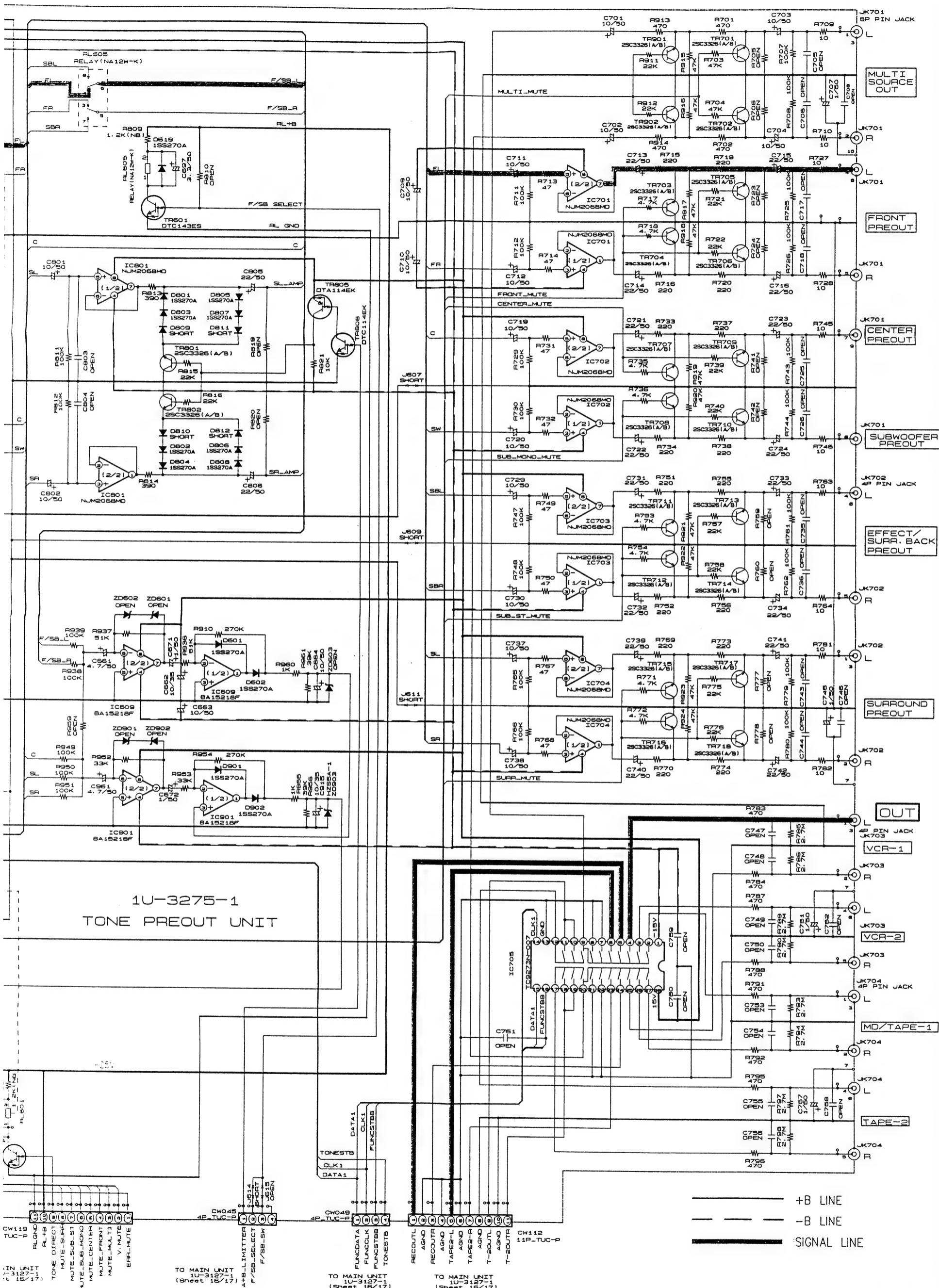
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8

9

10

11



SCHEMATIC DIAGRAMS (3/17) 1U-3275-1 TONE PREOUT UNIT

SCHEMATIC DIAGRAMS (4/17)

1

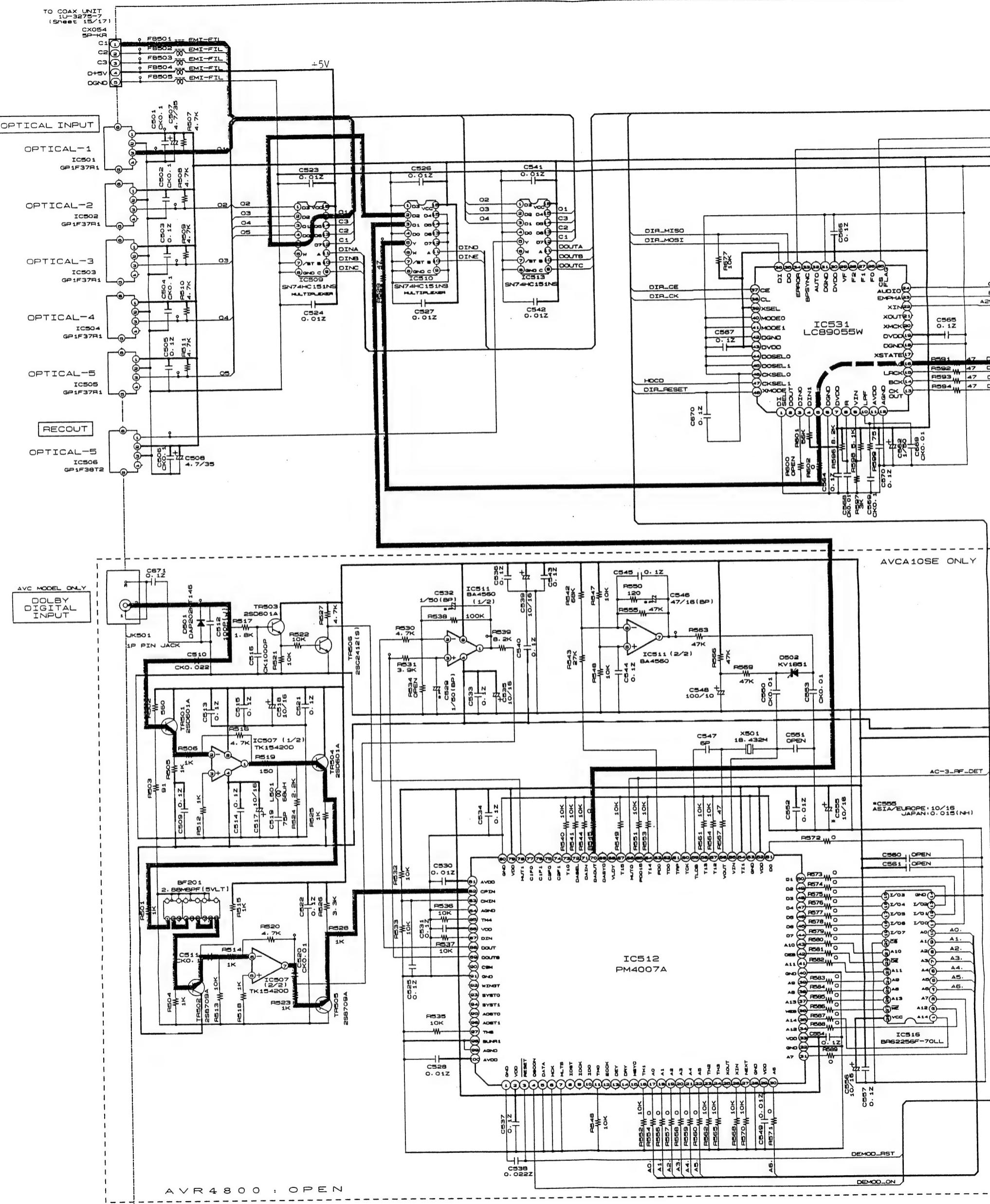
2

3

4

1

6



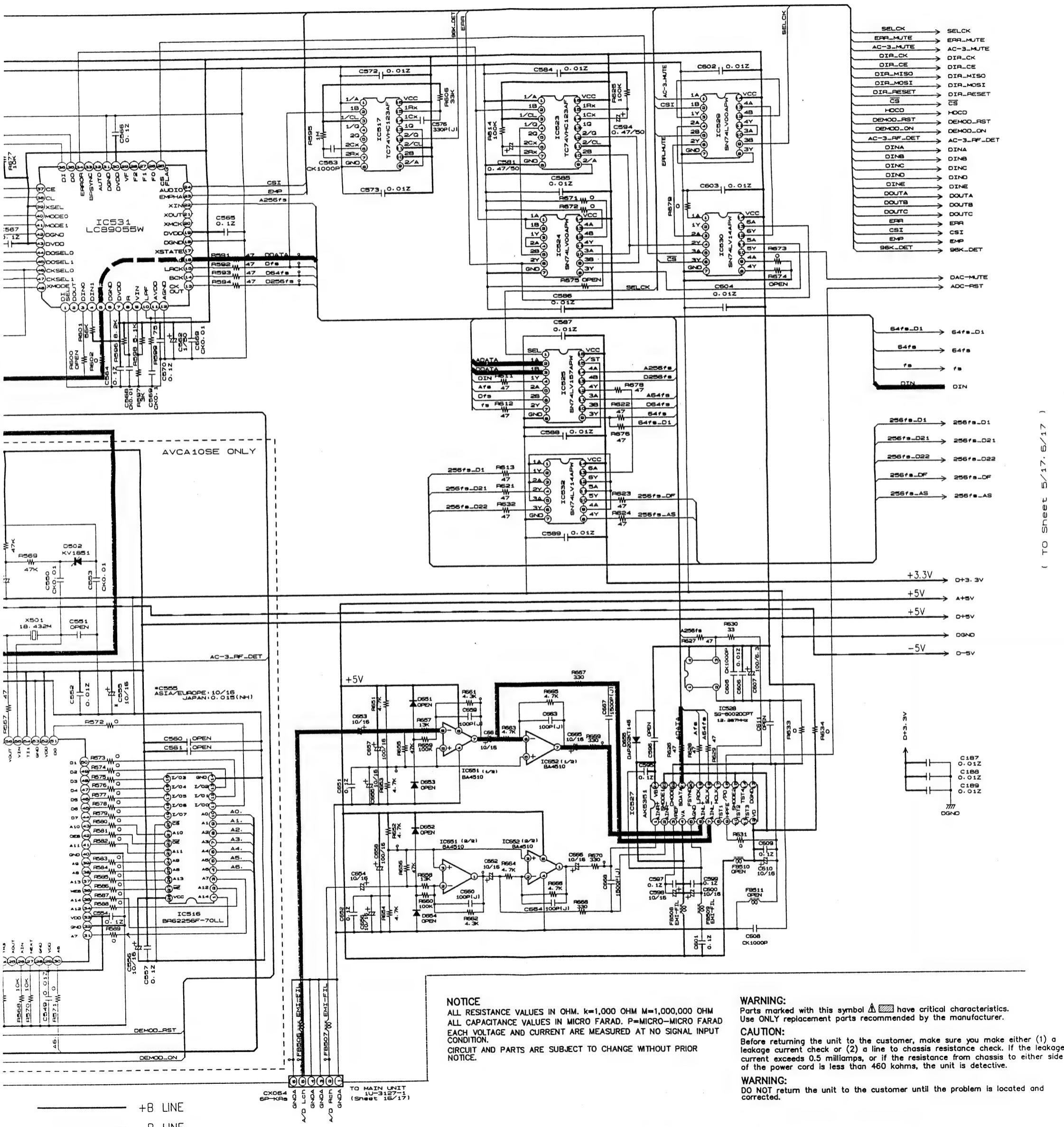
A Y R 4 8 0 0 : O P E N

+B LINE

-B LINE

SIGNAL LINE

1U-3288-1 DSP UNIT (1/3)



NOTICE

NOTICE
ALL RESISTANCE VALUES IN OHM. K=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
NOTICE.

WARNING

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CAUTION

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WARNING

DO NOT return the unit to the customer until the problem is located and corrected.

SCHEMATIC DIAGRAMS (4/17)
1U-3288-1 DSP UNIT (1/3)

SCHEMATIC DIAGRAMS (5/17)

1

2

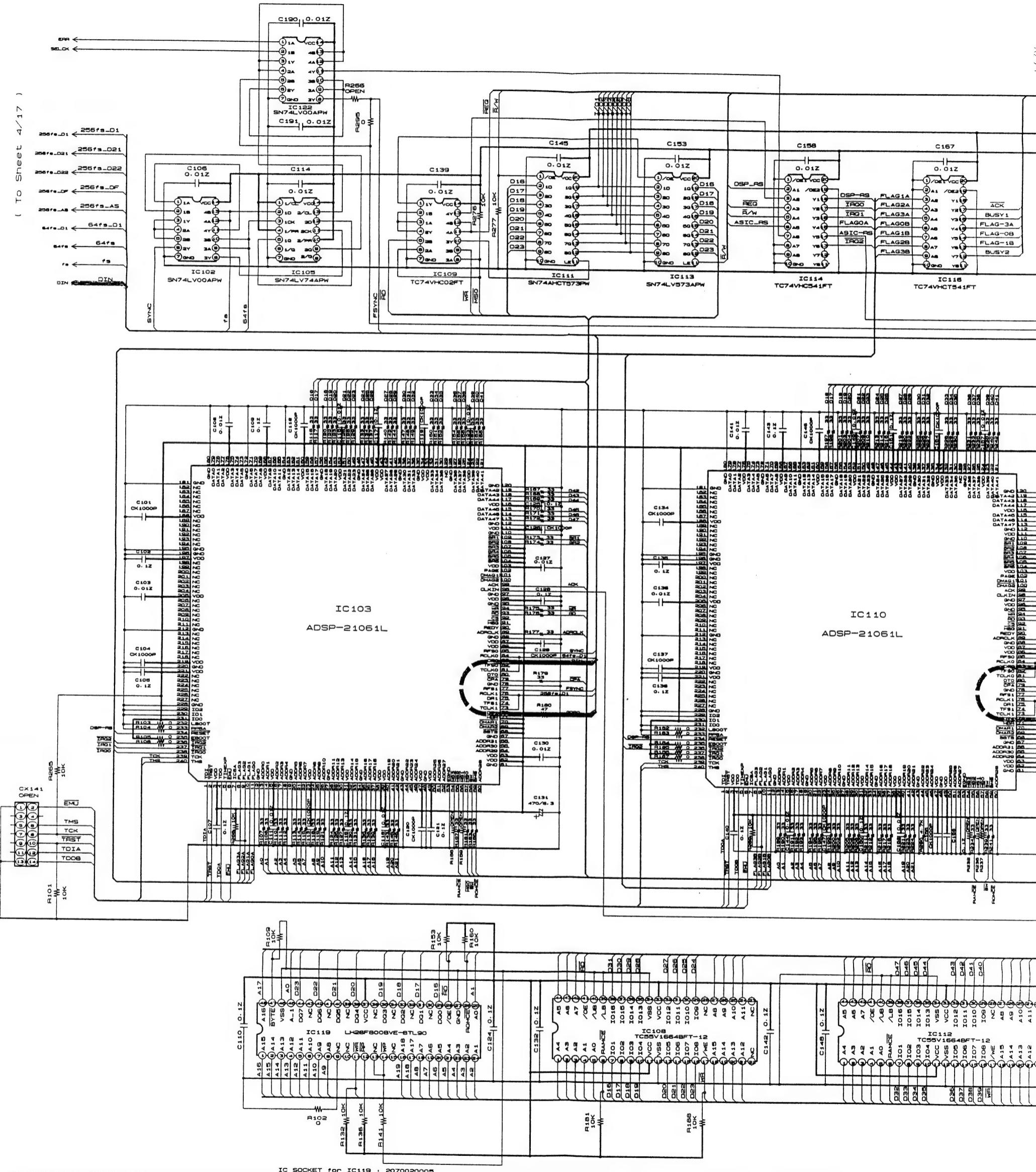
3

4

5

6

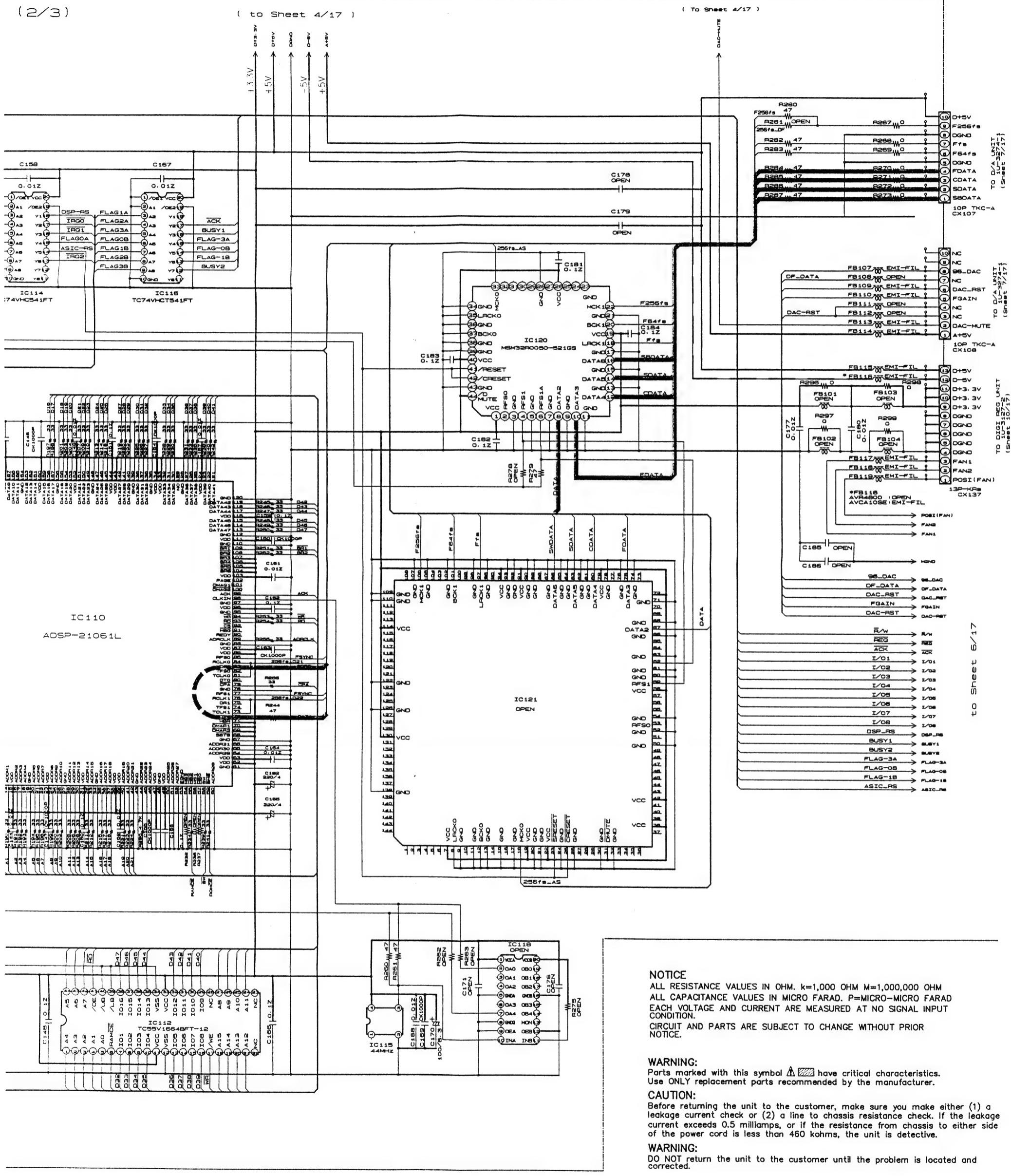
1U-3288-1 DSP UNIT (2/3)



(2/3)

(to Sheet 4/17)

(To Sheet 4/17



NOTICE

NOTICE
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CONDITION.
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SCHEMATIC DIAGRAMS (5/17) 1U-3288-1 DSP UNIT (2/3)

SCHEMATIC DIAGRAMS (6/17)

1 2 3 4 5 6

A

B

C

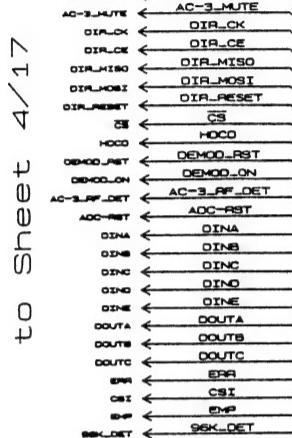
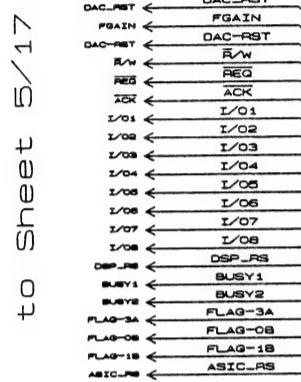
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E

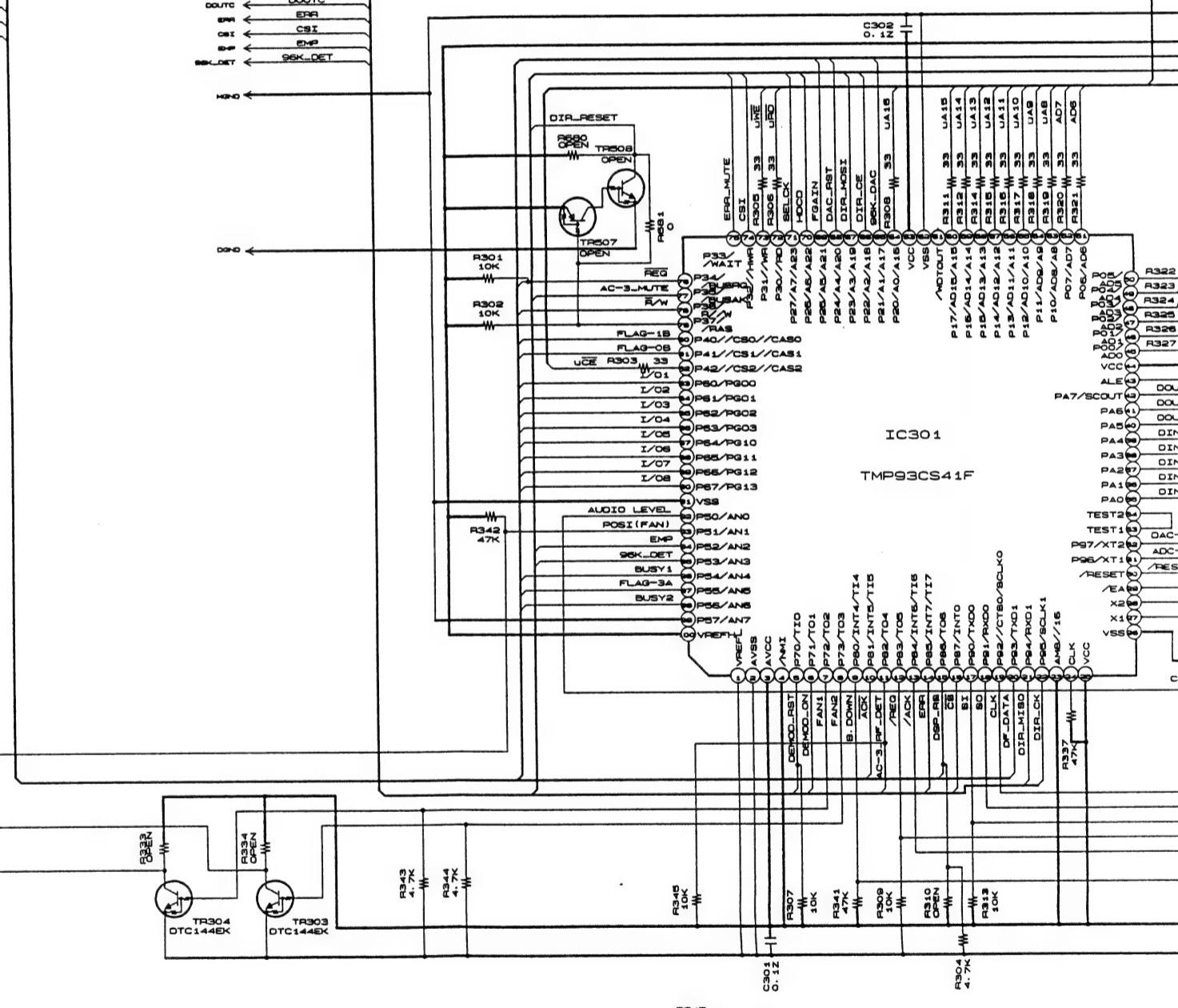
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G

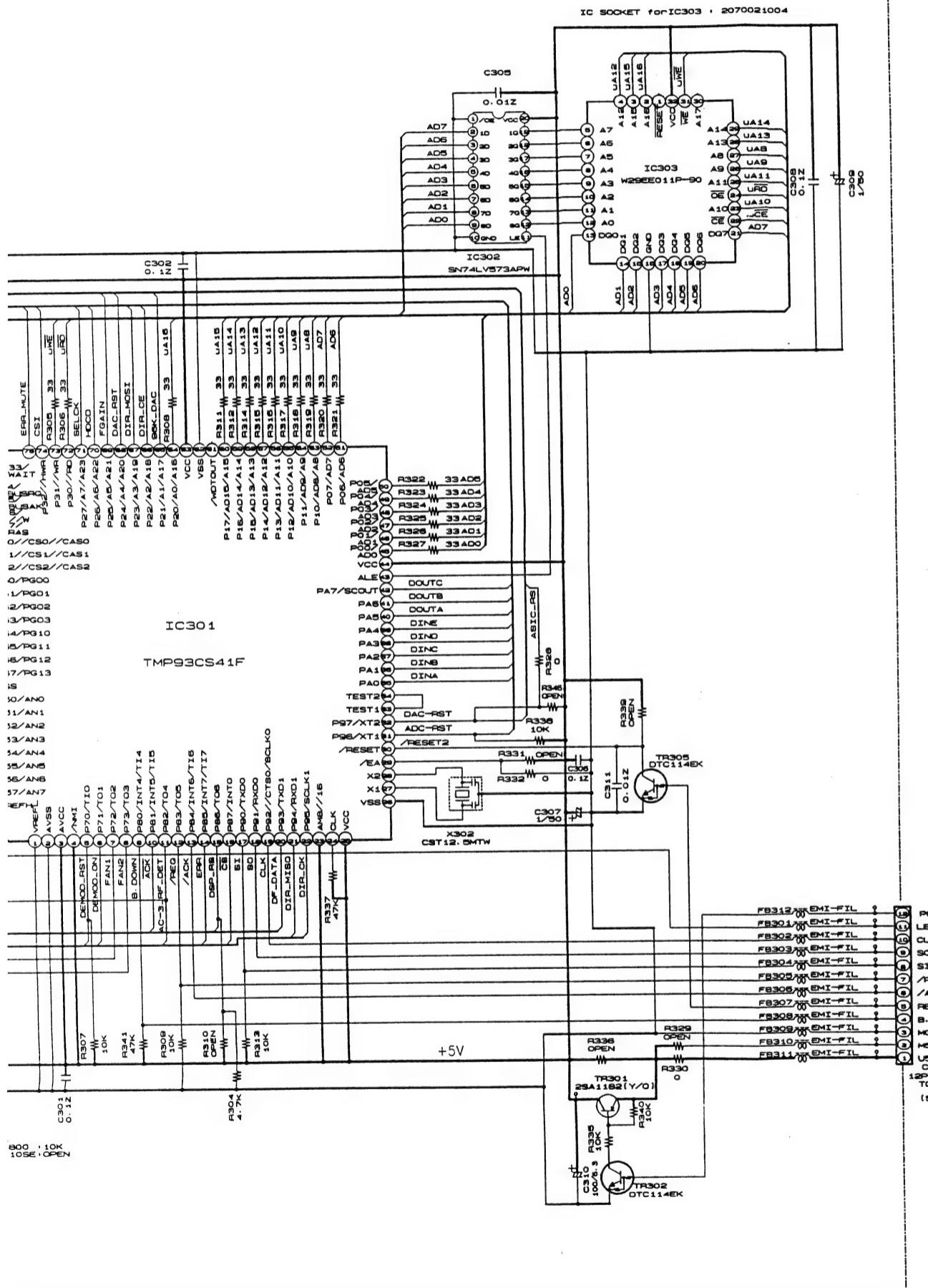
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1U-3288-1 DSP UNIT (3/3)



DSP UNIT (3/3)



SCHEMATIC DIAGRAMS (7/17)

1

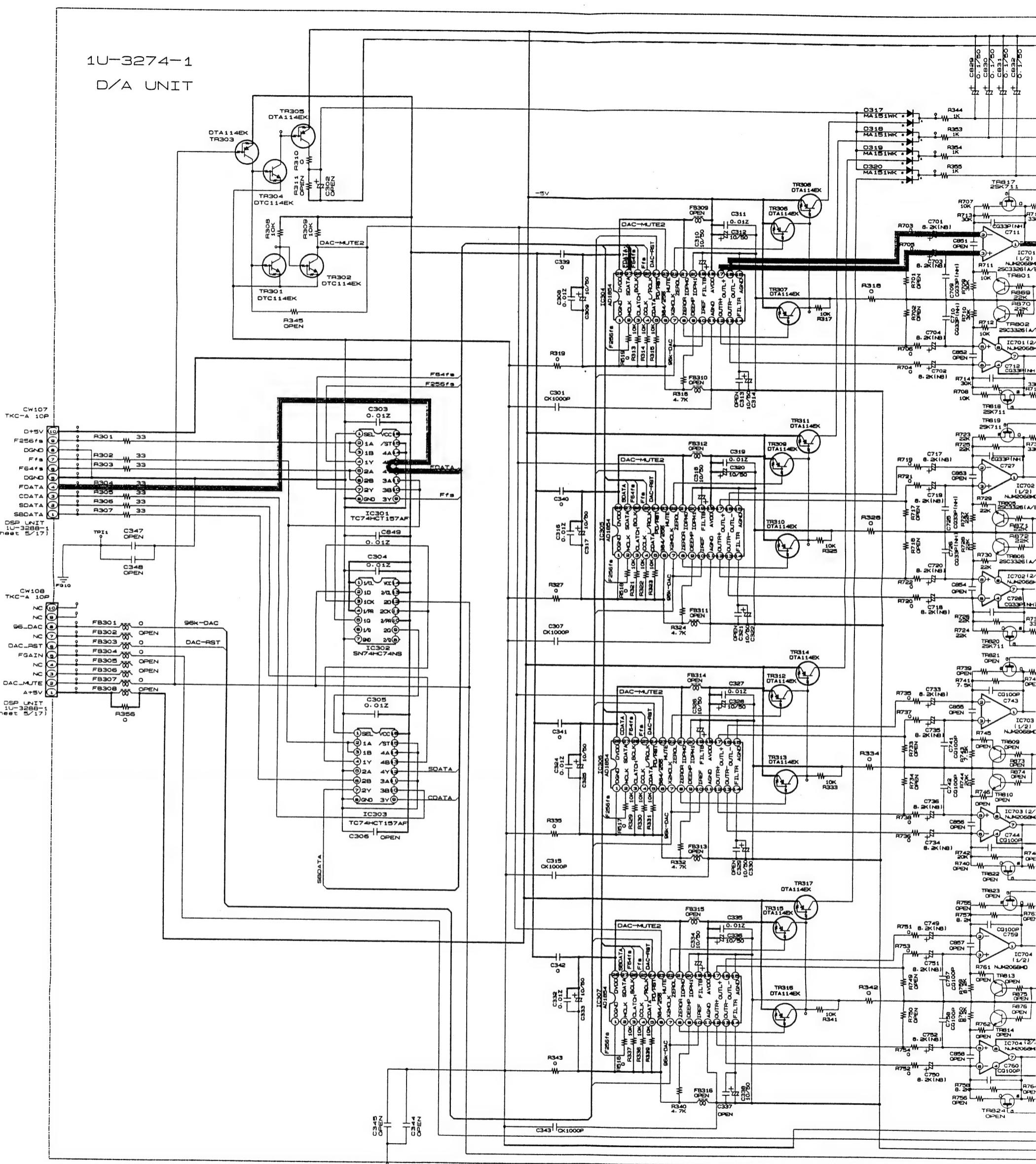
2

3

4

5

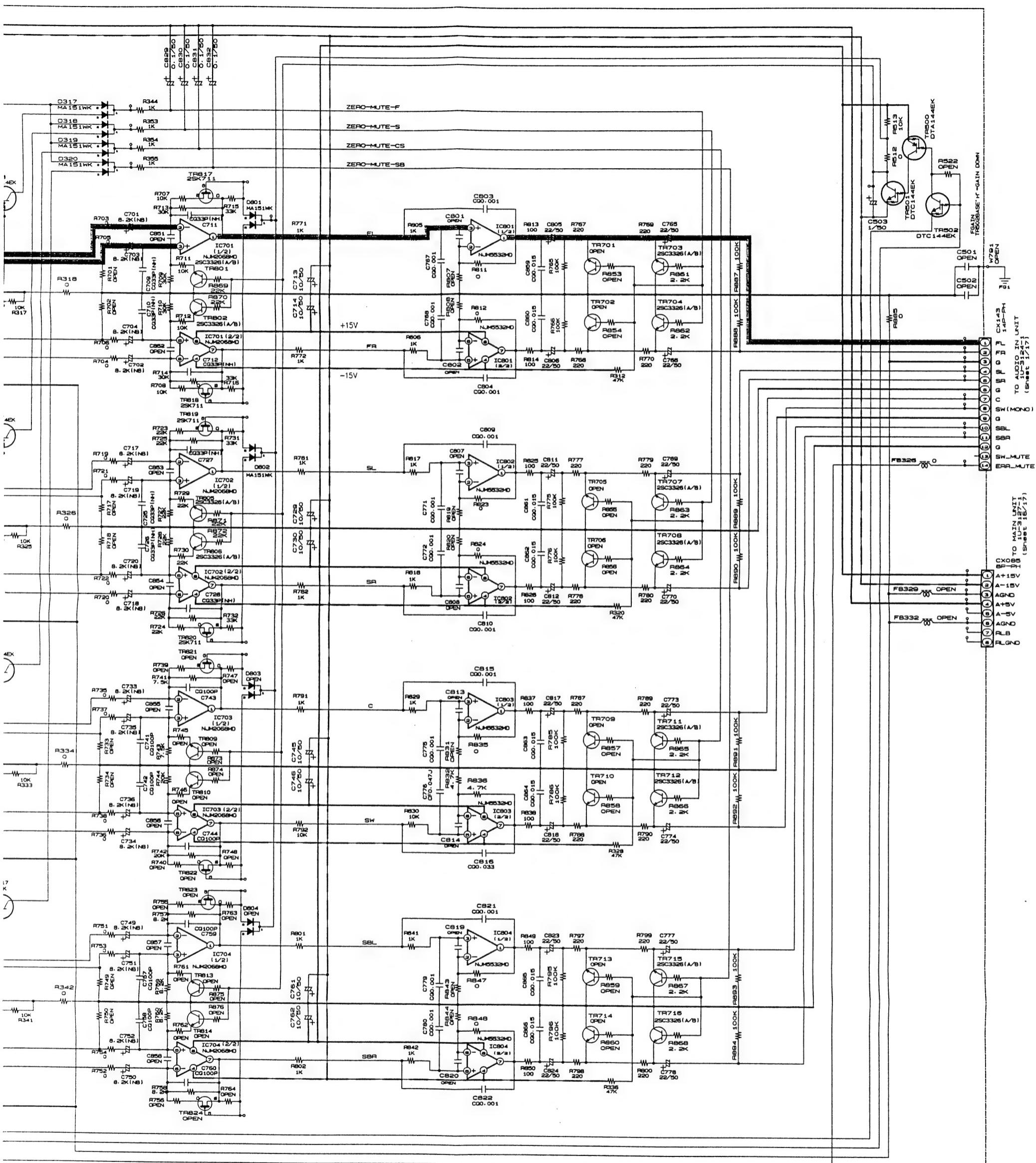
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CAUTION:

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WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

+B LINE

-B LINE

SIGNAL LINE

SCHEMATIC DIAGRAMS (7/17)
1U-3274-1 D/A UNIT

SCHEMATIC DIAGRAMS (8/17)

1

2

3

4

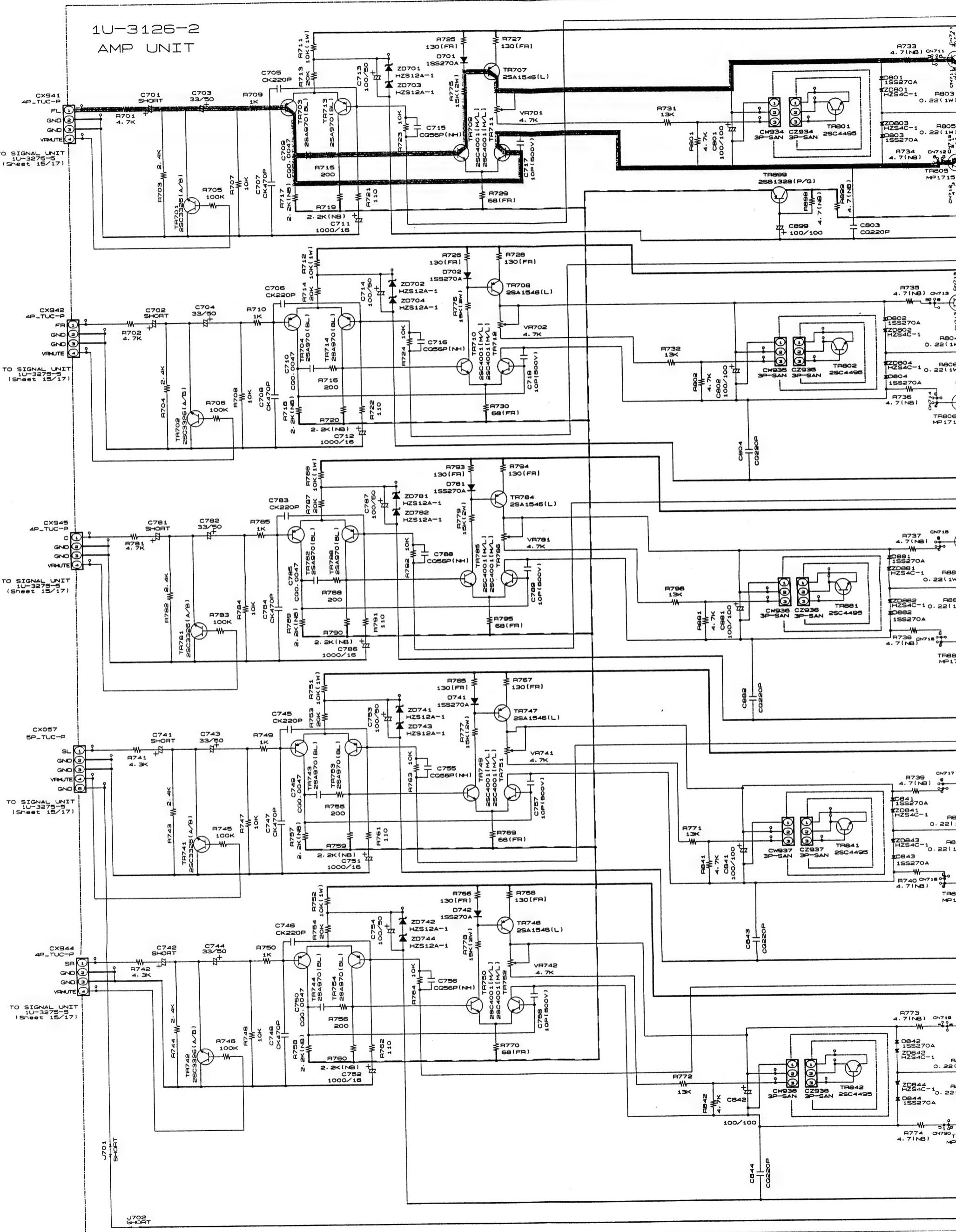
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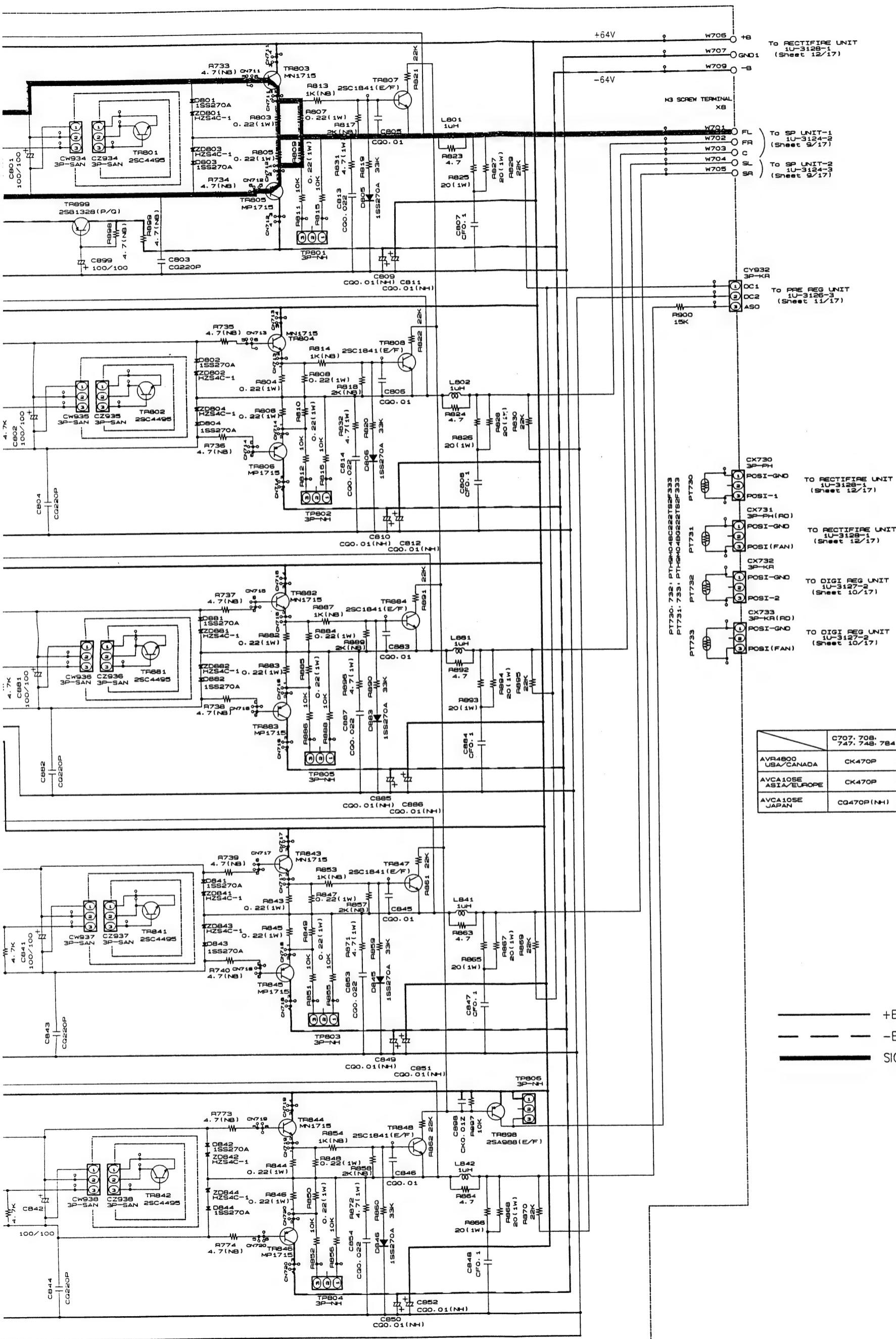
6

A

B

6





SCHEMATIC DIAGRAMS (8/17)
1U-3126-2 AMP UNIT

	C707, 708, 747, 748, 784	C711, 712, 751, 752, 786	C810, 811, .812, 850	C810, 849, 851 .852, 885, 886
AVR4800 USA/CANADA	CK470P	1000/16	CQO.01 (NH)	CQO.01 (NH)
AVCA10SE ASIA/EUROPE	CK470P	1000/16	10/100	10/100
AVCA10SE JAPAN	CQ470P(NH)	1000/25	22/100 (ARS/2)	-

— +B LINE
— -B LINE
— SIGNAL LINE

SCHEMATIC DIAGRAMS (9/17)

1

2

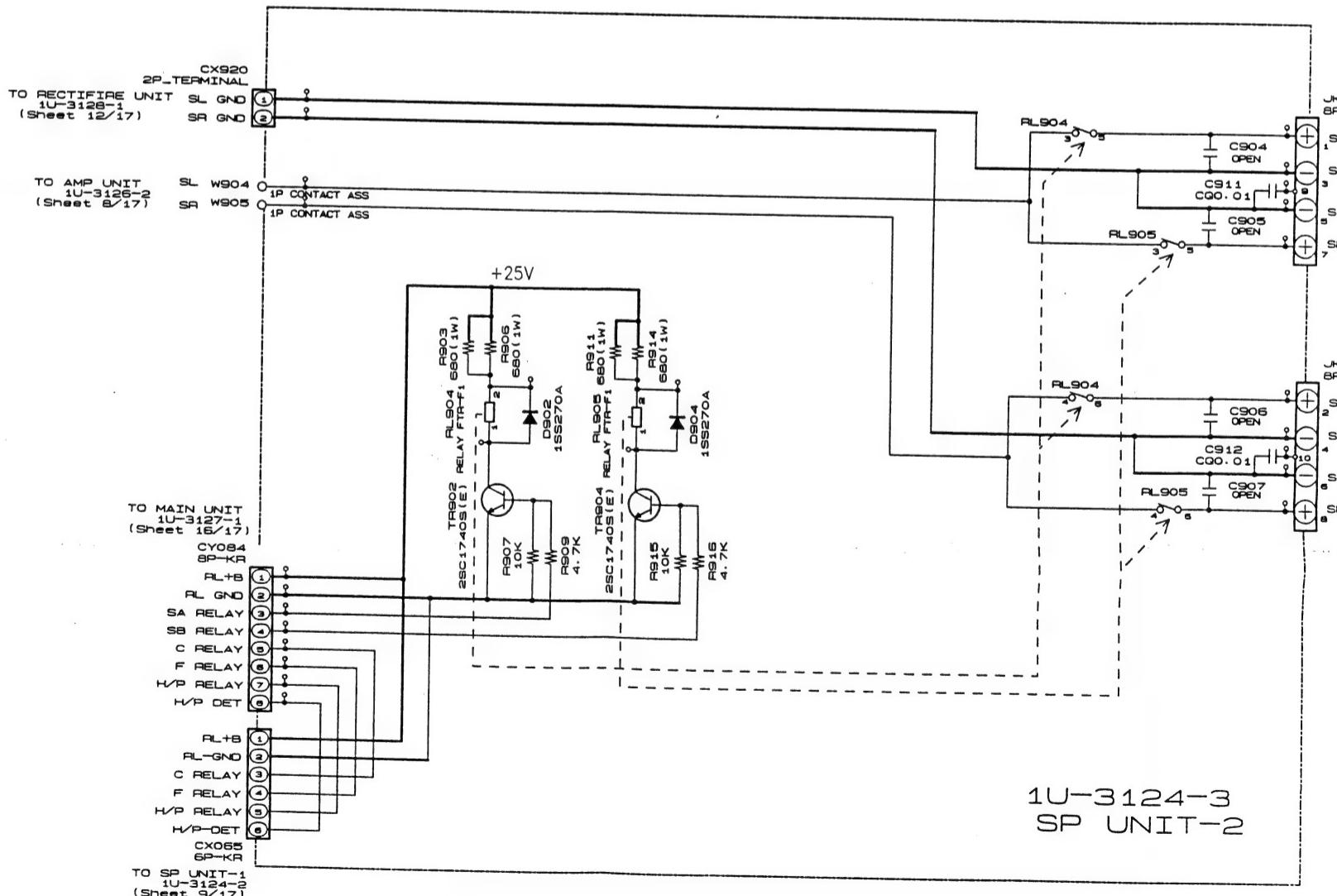
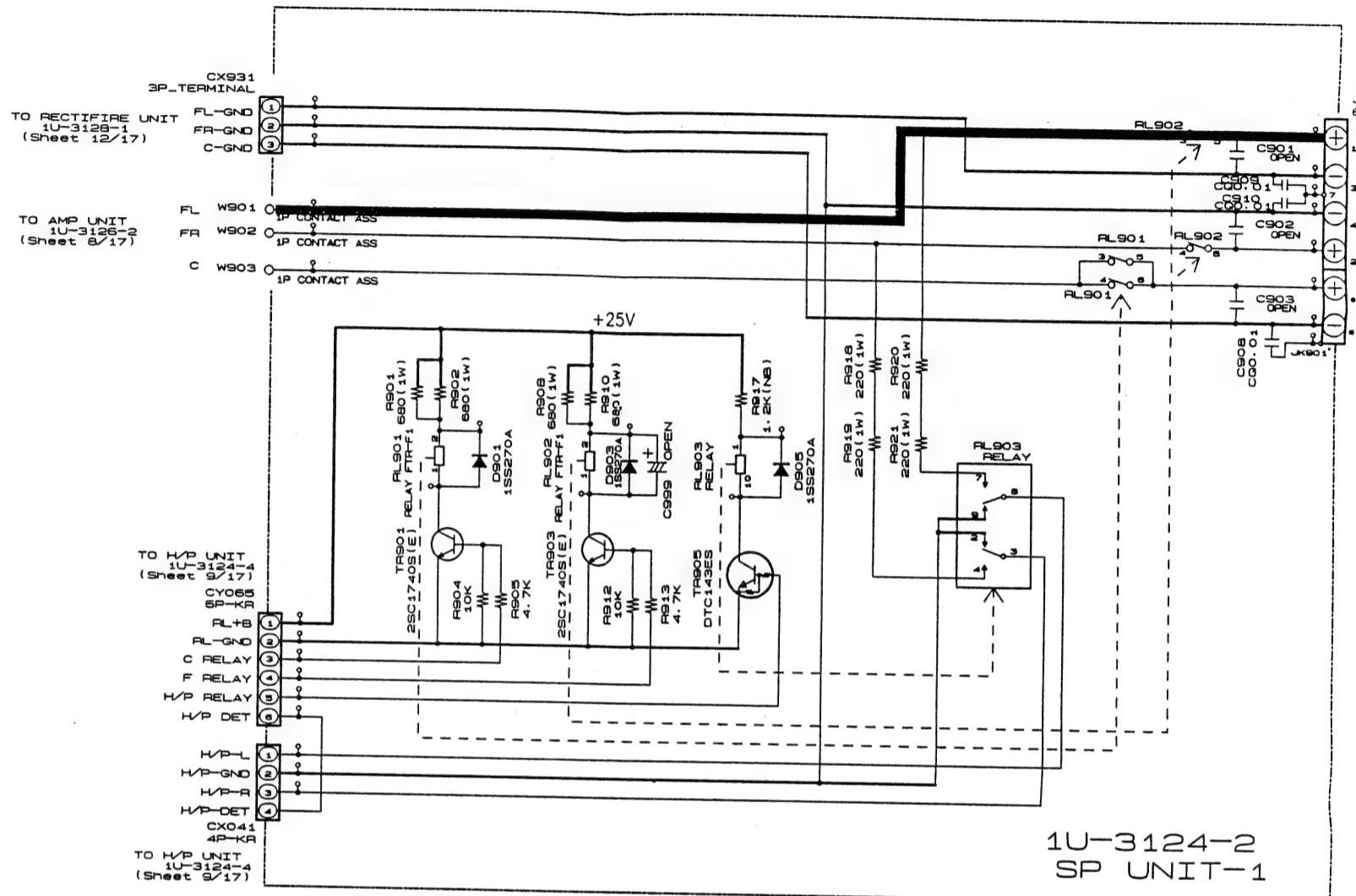
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4

5

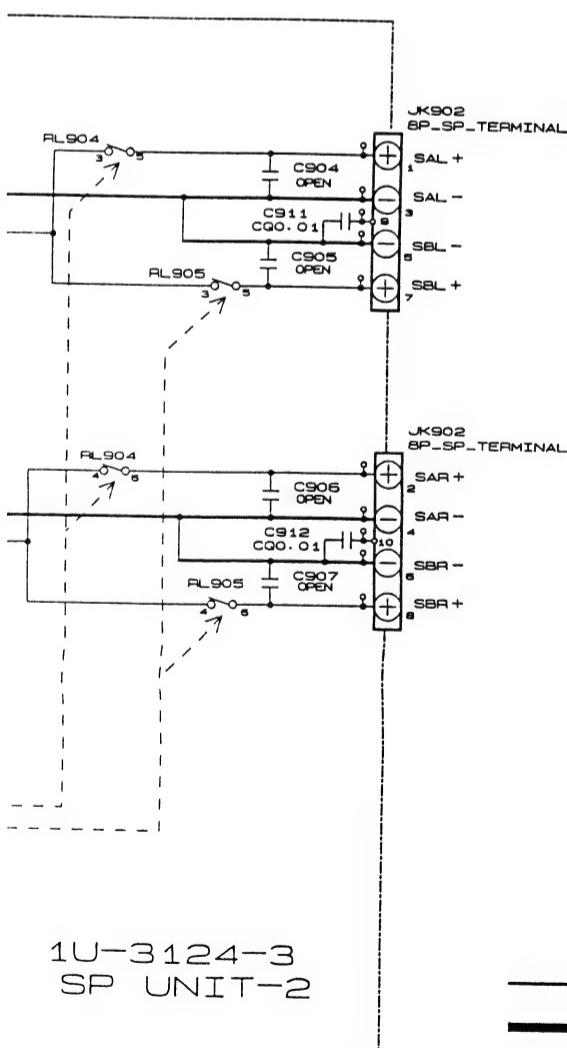
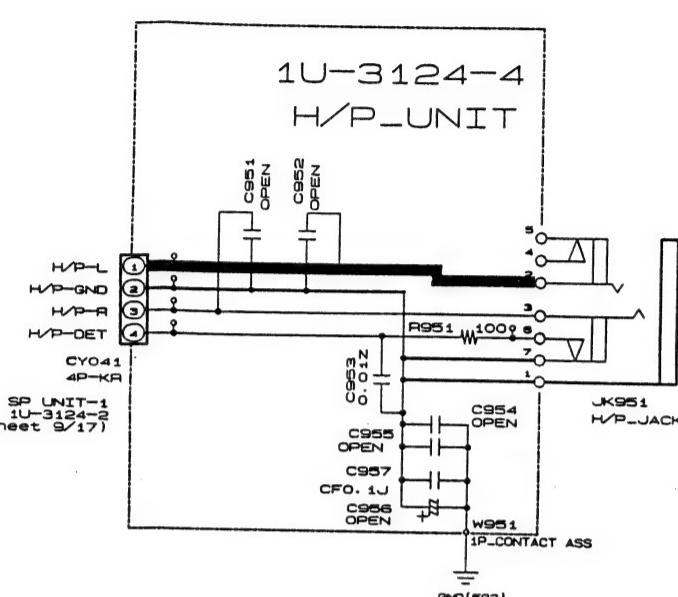
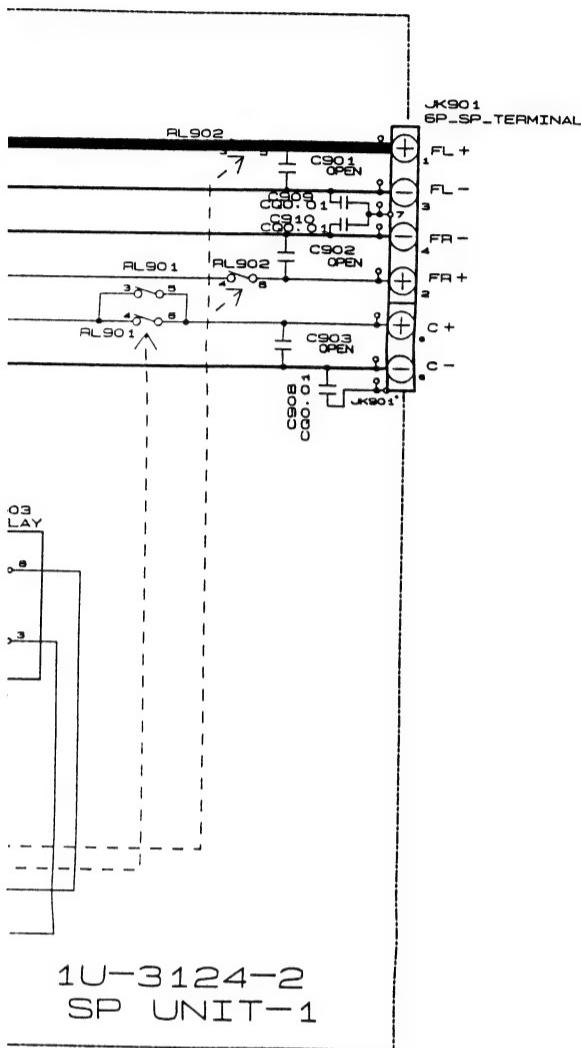
6

	C901, 902, 903, 904 · 905, 906, 907	C999
AVR4900 USA/CANADA	-	-
AVCA10SE TAIWAN R. O. C.	-	-
AVCA10SE ASIA/EUROPE	CQO. 01(NH)	-
AVCA10SE JAPAN	-	10/50 (ASF)



6 7 8 9 10 11

C999
-
-
-
10/50 (ASF)



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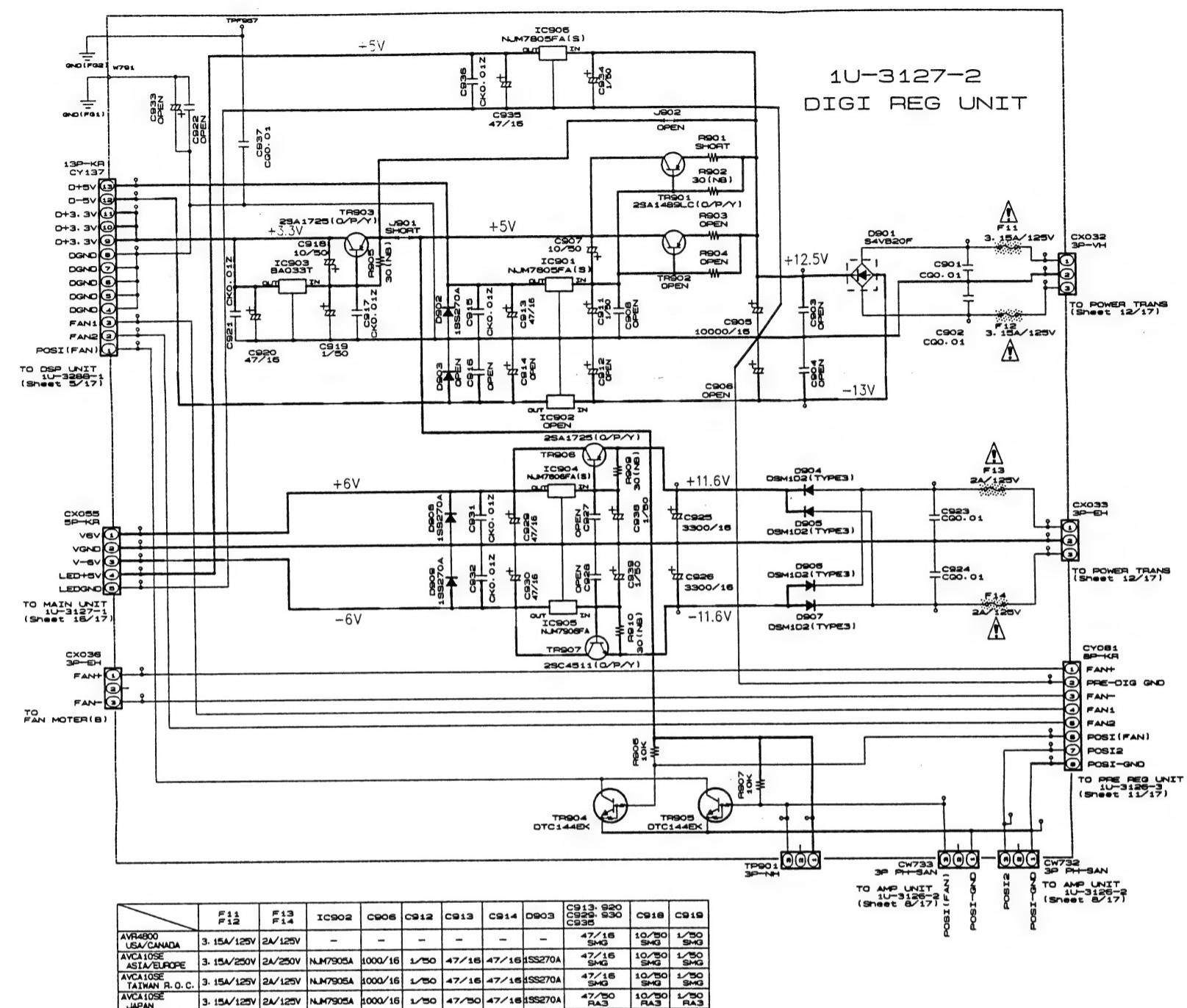
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— +B LINE
— SIGNAL LINE

SCHEMATIC DIAGRAMS (10/17)

1 2 3 4 5 6



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 NOTICE.

WARNING:

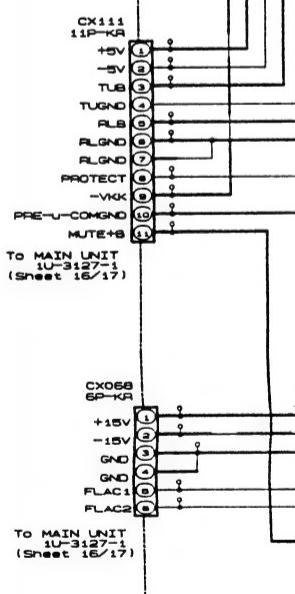
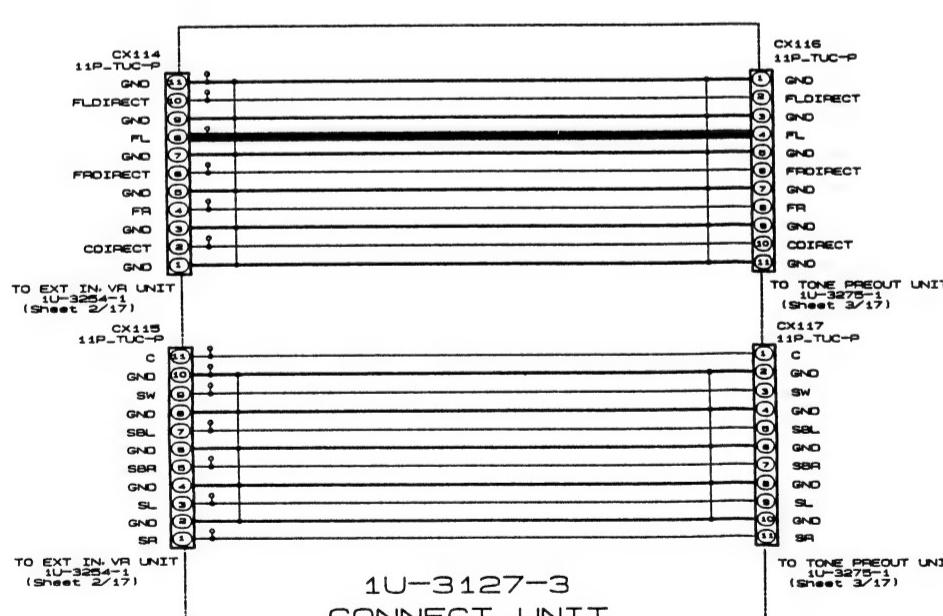
Parts marked with this symbol have critical characteristics.
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CAUTION:

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WARNING:

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AVR4800 USA/CANADA	AVCA10SE ASIA/EUROPE	C901
AVCA10SE JAPAN		

SCHEMATIC DIAGRAMS (11/17)

5

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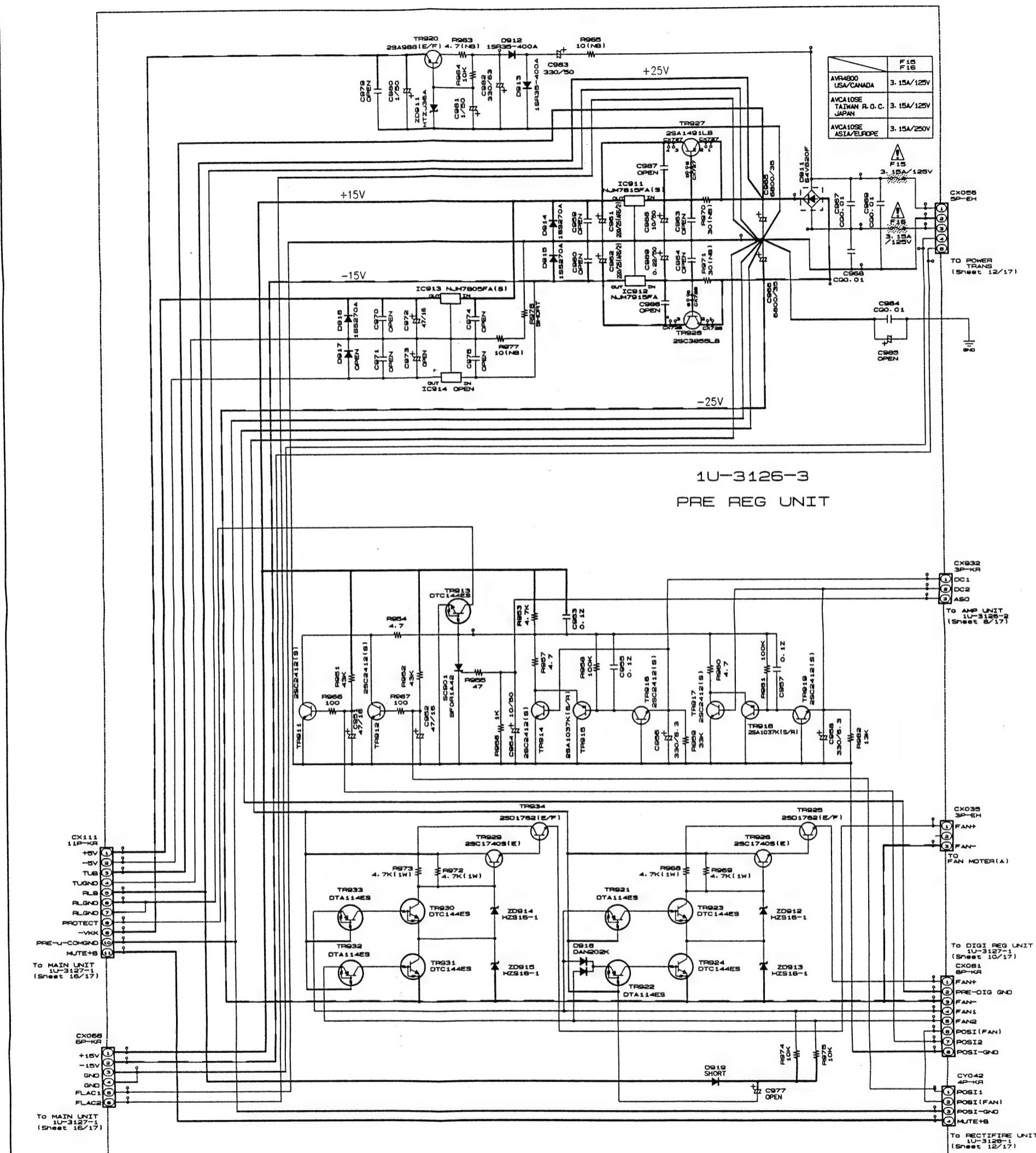
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cal characteristics.
he manufacturer.

sure you make either (1) a
resistance check. If the leakage
current from chassis to either side
of the unit is defective.

The problem is located and

SCHEMATIC DIAGRAMS (10/17, 11/17)
1U-3127-2 DIGI REG UNIT / 1U-3127-3 CONNECT UNIT
1U-3126-3 PRE REG UNIT

SCHEMATIC DIAGRAMS (12/17)

1

2

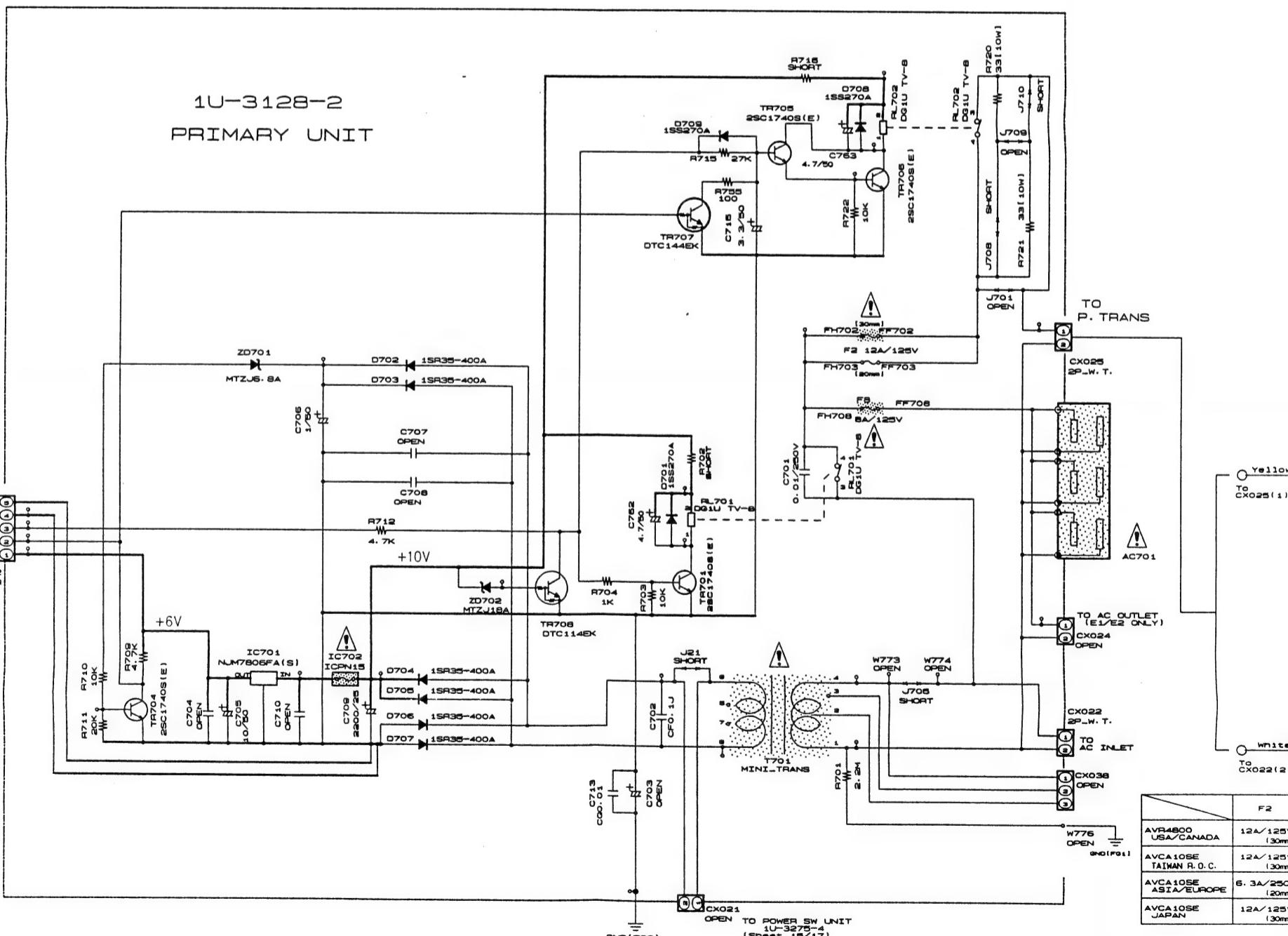
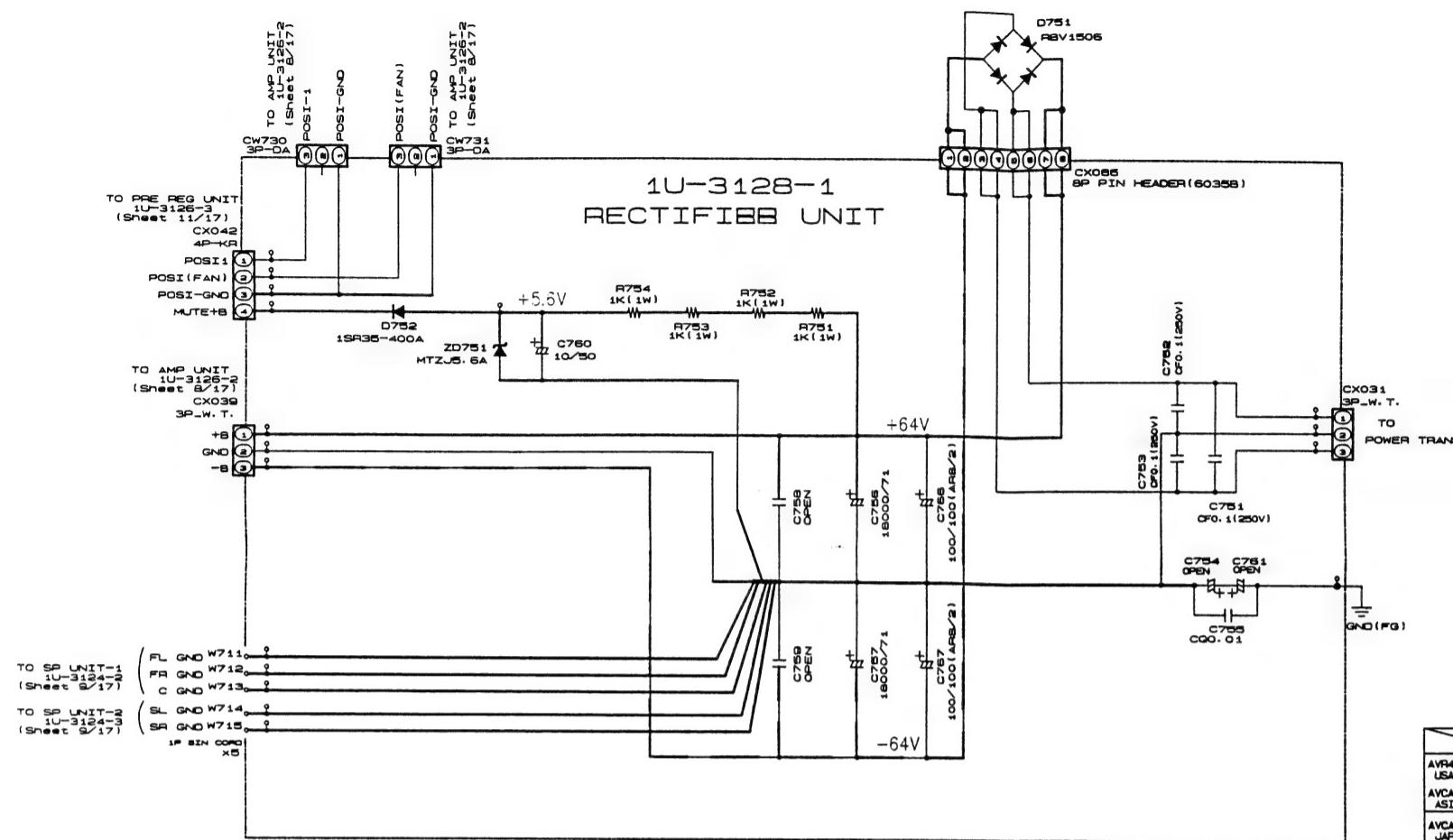
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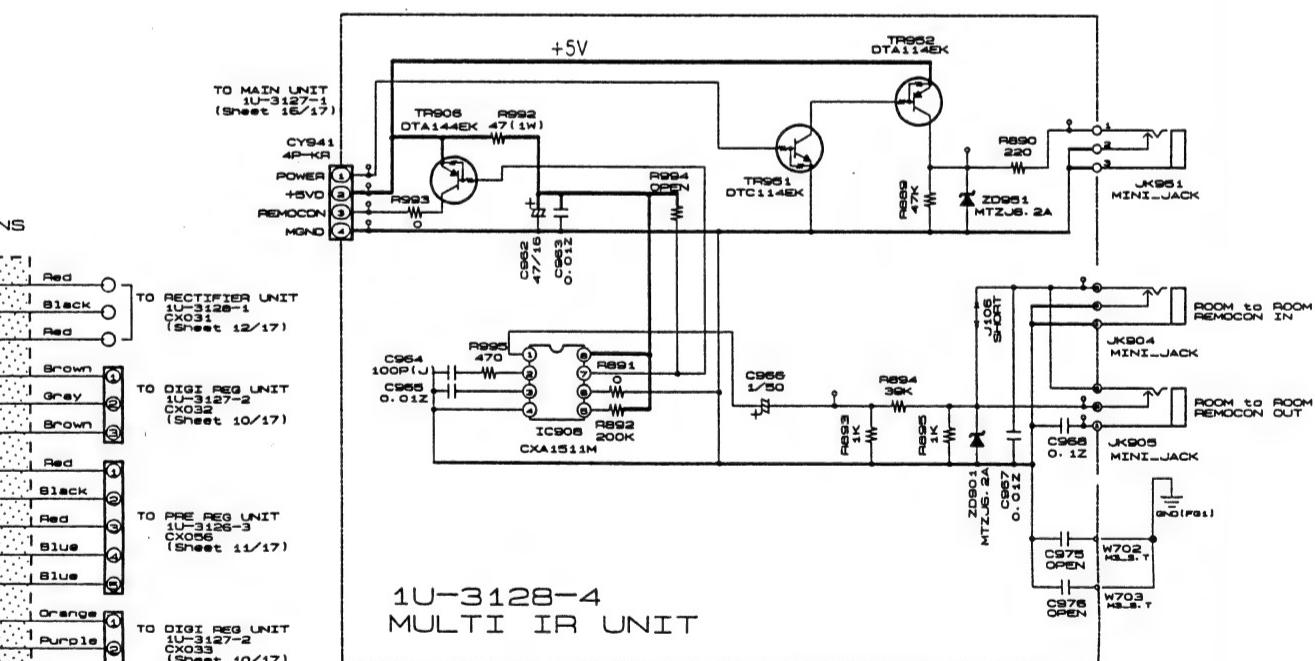
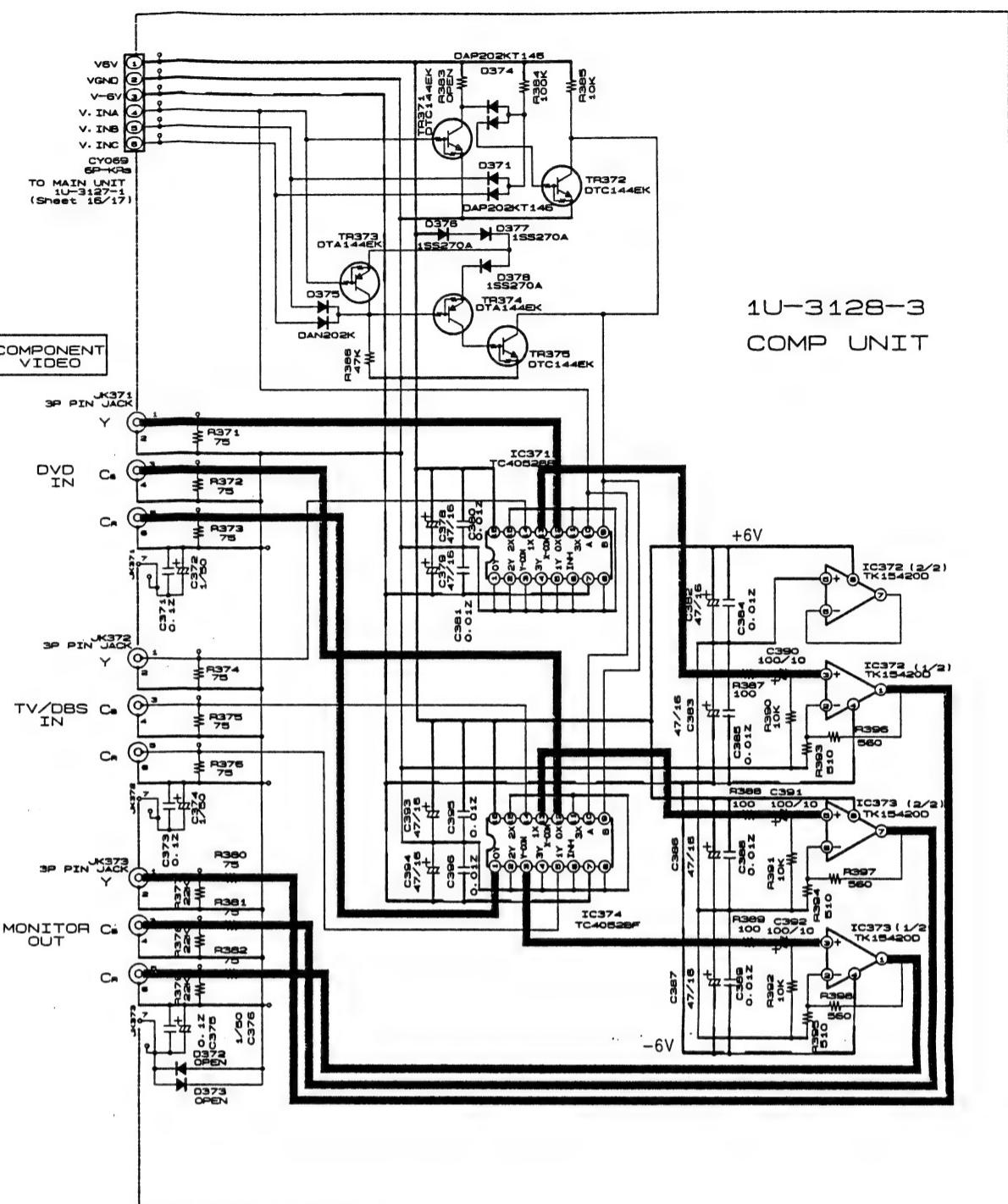
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	F2	F8	T701	AC701	CX024	R701	J708 J710	J709	CX021	J21
AVR4800 USA/CANADA	12A/125V (30mm)	8A/125V	2336073107	AC OUTLET	—	2.2M	SHORT	OPEN	OPEN	SHORT
AVCA10SE TAIWAN R.O.C.	12A/125V (30mm)	8A/125V	2336073107	AC OUTLET	—	—	SHORT	OPEN	2P-VH	OPEN
AVCA10SE ASIA/EUROPE	6.3A/250V (20mm)	2.5A/120V (DIN+DIN)	23360508025 (DIN+233817008)	—	2P-VH (DIN+DIN)	—	OPEN	SHORT	2P-VH	OPEN
AVCA10SE JAPAN	12A/125V	8A/125V	2330523019	AC OUTLET	—	—	SHORT	OPEN	OPEN	SHORT

NOTICE

NOTICE
ALL RESISTANCE VALUES IN OHM. K=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
CONDITION

CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
NOTICE.

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SCHEMATIC DIAGRAMS (12/17)

1U-3128-1 RECTIFIER UNIT

1U-3128-2 PRIMARY UNIT
1U-3128-2 COMB. UNIT / 4M

1U-3128-3 COMP UNIT / 1U-3128-4 MULTI IR UNIT

SCHEMATIC DIAGRAMS (13/17)

1

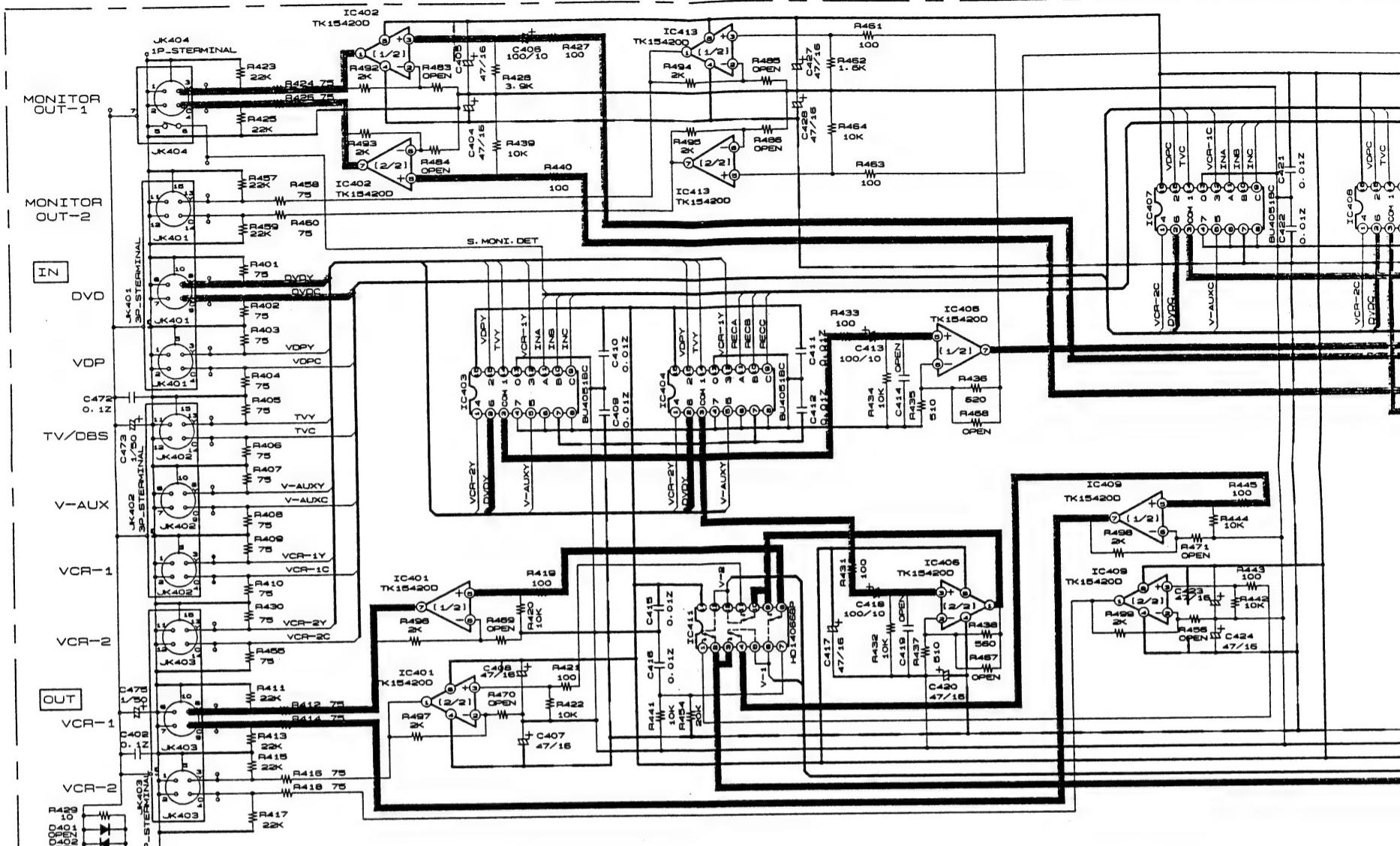
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102

1



1U-3125-2
C-VIDEO_UNIT

MONITOR
OUT-1

The diagram shows a 1P-JACK_8512006 input connected to a junction point. From this junction, two lines branch out: one goes to resistor R312 (7Ω) and the other goes to resistor R313 (22K). Both resistors are connected in series with ground.

MONITOR OUT-2

R310 75

R311 22k

R301 - OPEN

J304
9V
DV/DV

Circuit diagram for TVV:

- Component C358 (0.12 μF) is connected between the top rail and ground.
- Component C358 (0.12 μF) is connected between the top rail and ground.
- Component C358 (1.5μF) is connected between the top rail and ground.
- Component C217 is connected between the top rail and ground.
- Resistor R301 (75 ohms) is connected between the top rail and the junction of diode D1 and resistor R302.
- Resistor R302 (75 ohms) is connected between the junction of diode D1 and ground.
- Transistor TVV is connected between the top rail and ground.

This diagram shows the connection between the V-AUX input and the VCR-1V output. The V-AUX input is connected to terminal 3 of a JK303 3P-JACK. The VCR-1V output is connected to terminal 1 of the same JK303 3P-JACK. A resistor R303 with a value of 75 ohms is connected between terminal 3 and ground.

The diagram shows two parallel branches connected to a common ground line. The top branch contains a resistor labeled R305 with a value of 75 ohms. The bottom branch contains a resistor labeled R306 with a value of 75 ohms. Both resistors are connected between a central node and ground.

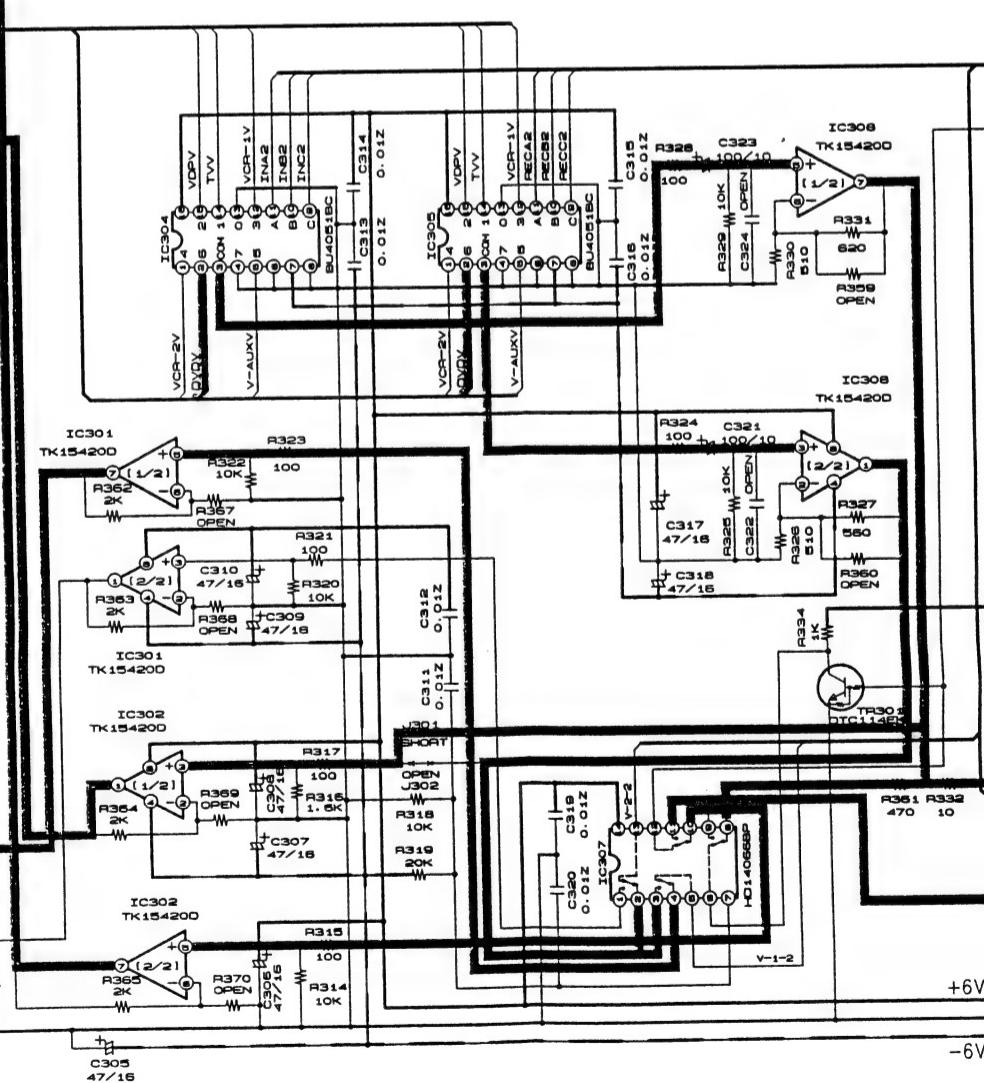
VCR-2

C326
0. 1Z

C302
1/50

R308 75

R309
22K



24

-6

NOTE

NOTICE
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CONDITION.
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NOTICE.

WARNING:

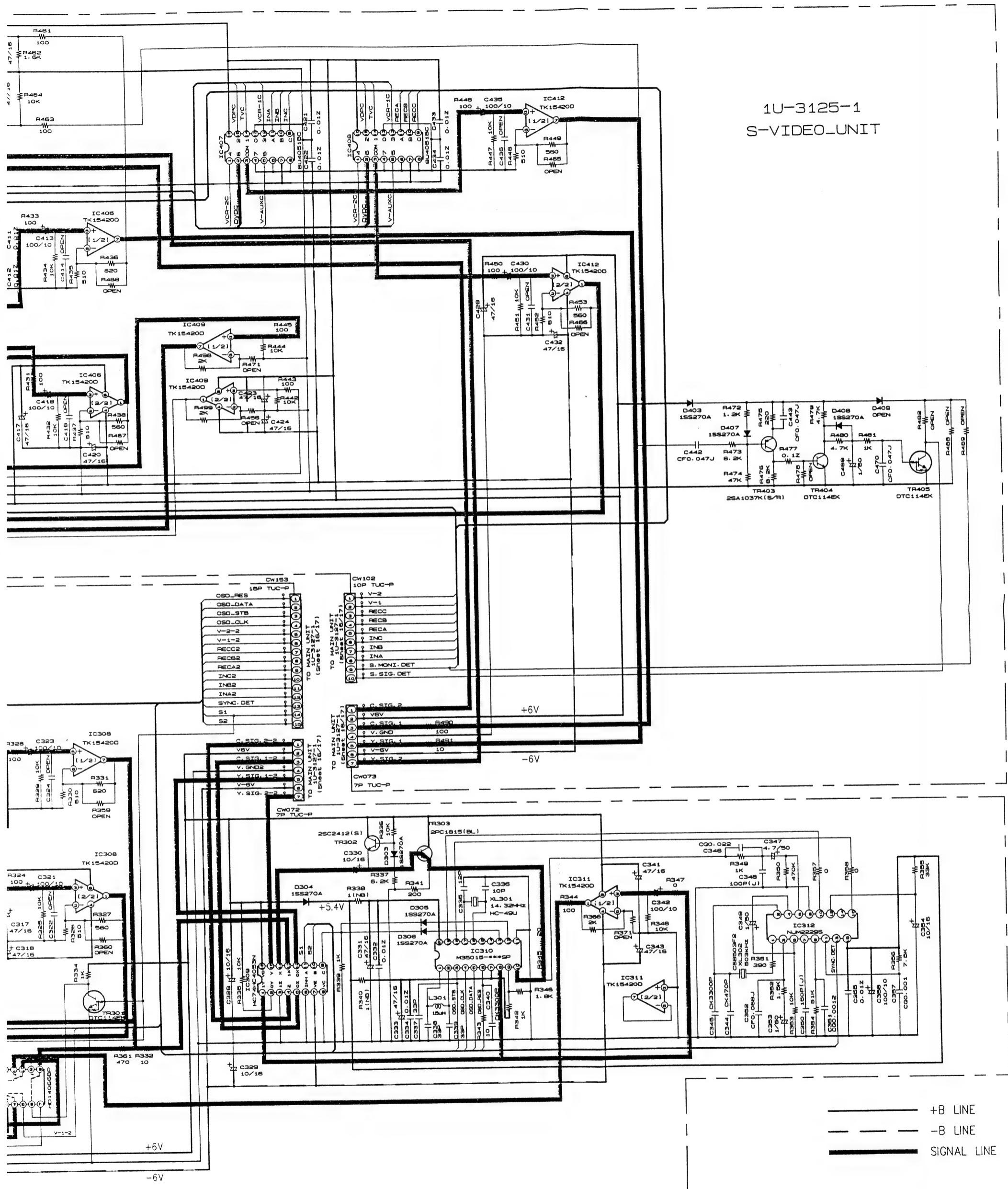
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have critical characteristics.
ended by the manufacturer.

omer, make sure you make either (1) a chassis resistance check. If the leakage resistance from chassis to either side is 10 ohms, the unit is defective.

mer until the problem is located and

SCHEMATIC DIAGRAMS (13/17)

SCHEMATIC DIAGRAMS (14/17)

1

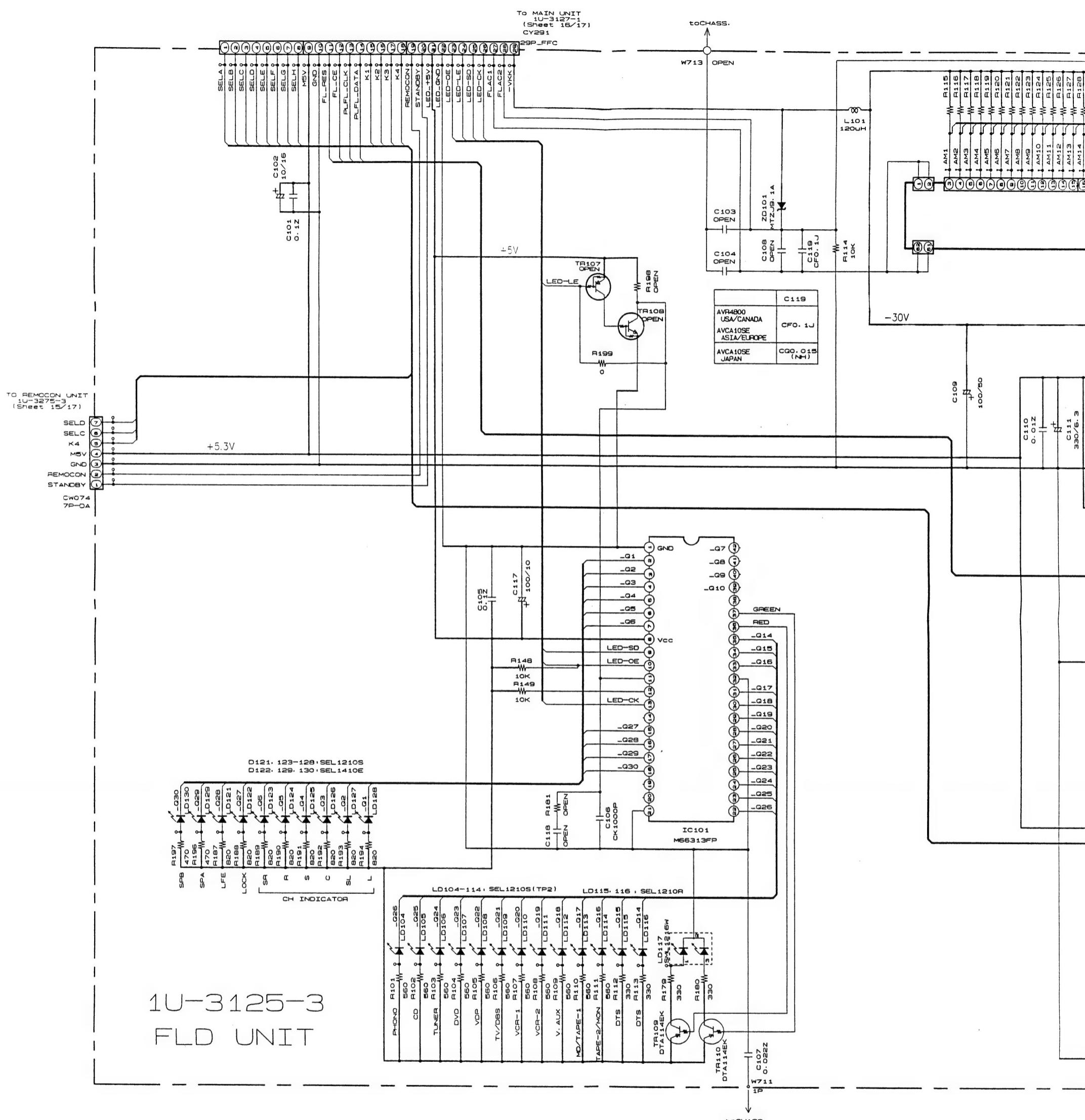
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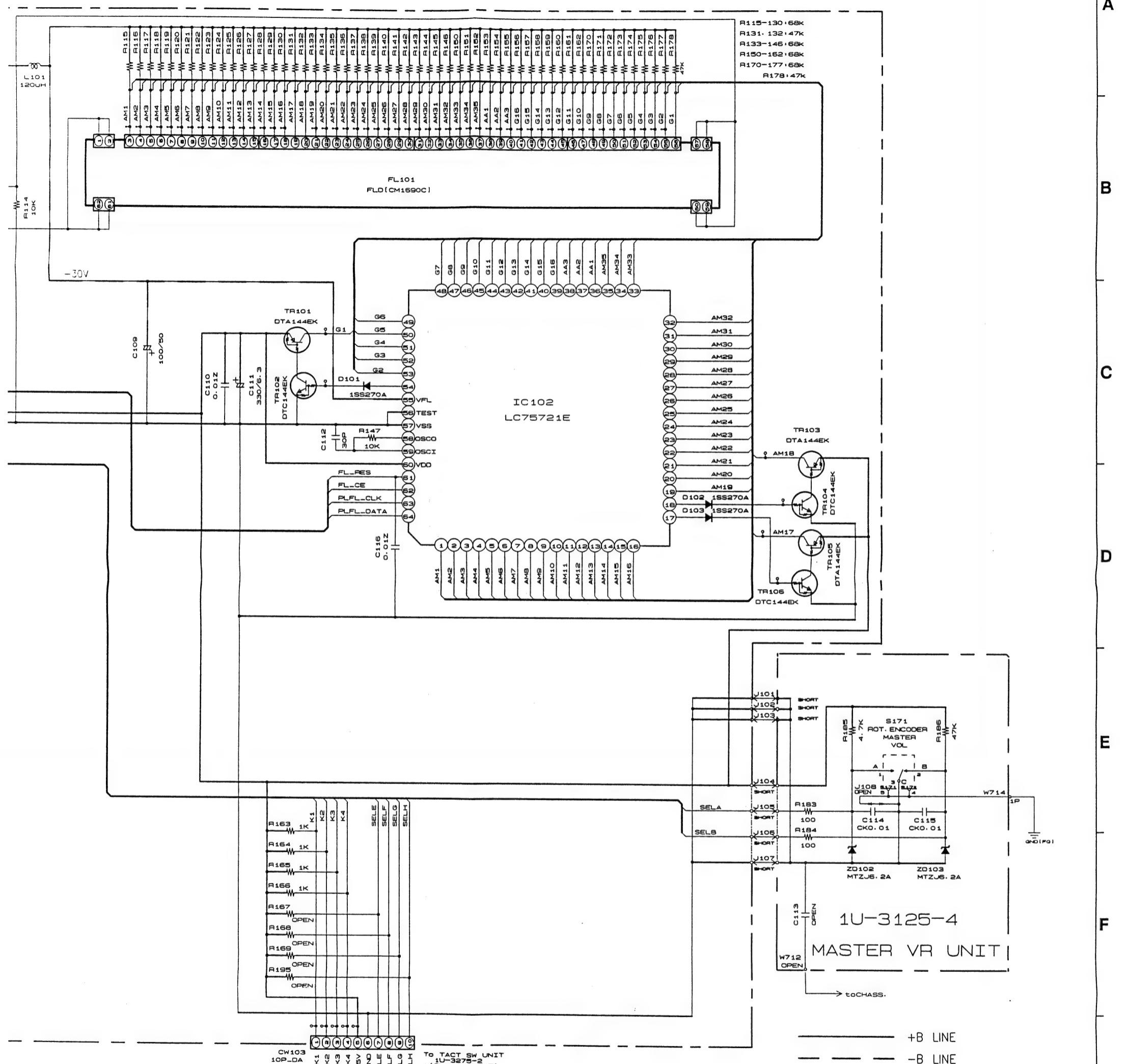
6



NOTICE

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 ALL CAPACITANCE VALUES IN MICRO FARAD.
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 CONDITION.
 CIRCUIT AND PARTS ARE SUBJECT TO CHANGE
 NOTICE.

6 7 8 9 10 11

**NOTICE**

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
 ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
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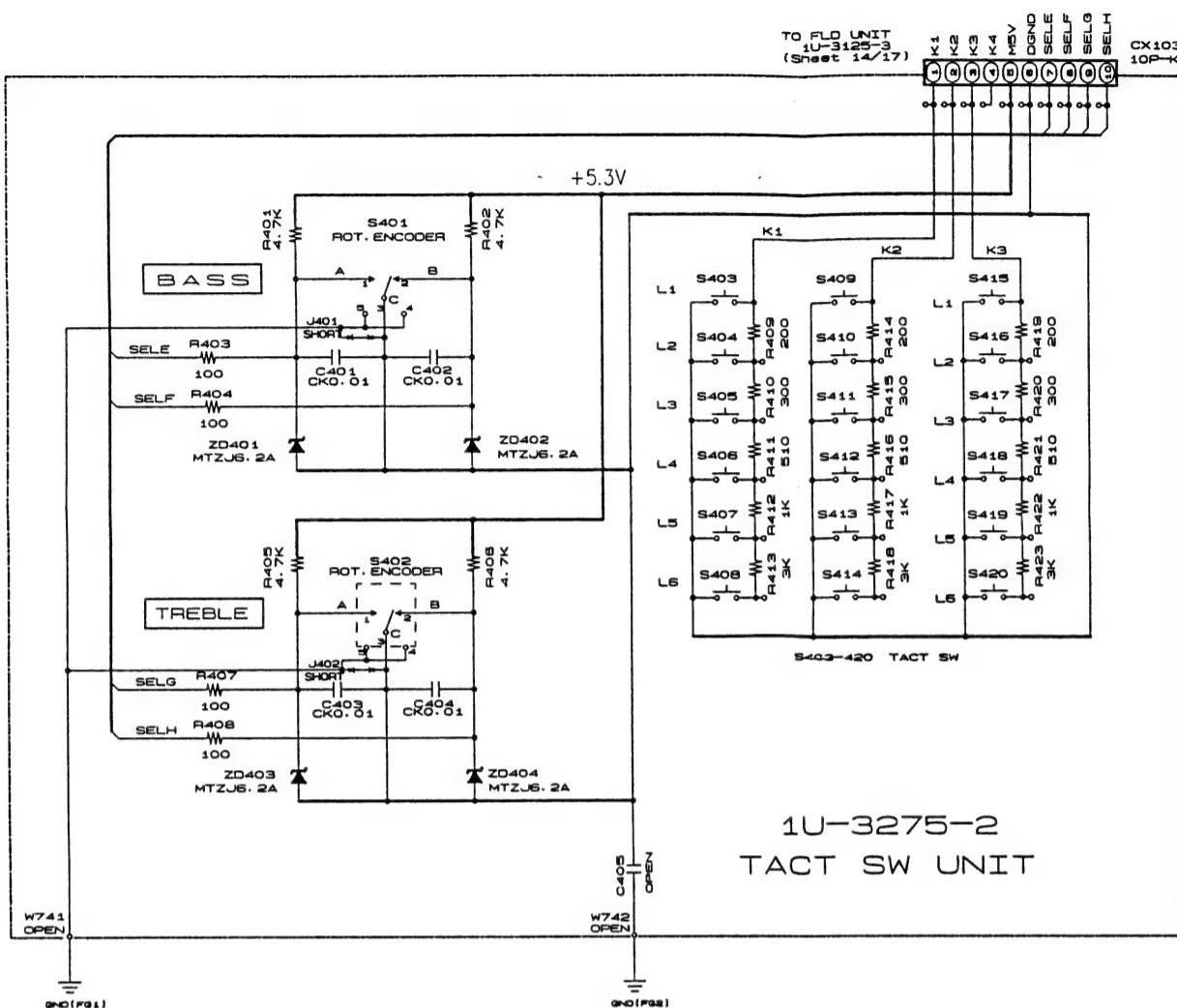
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SCHEMATIC DIAGRAMS (15/17)

1 2 3 4 5 6

A

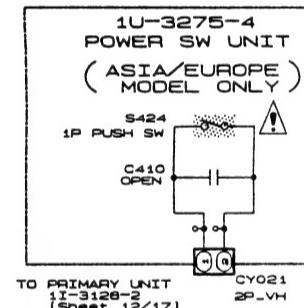
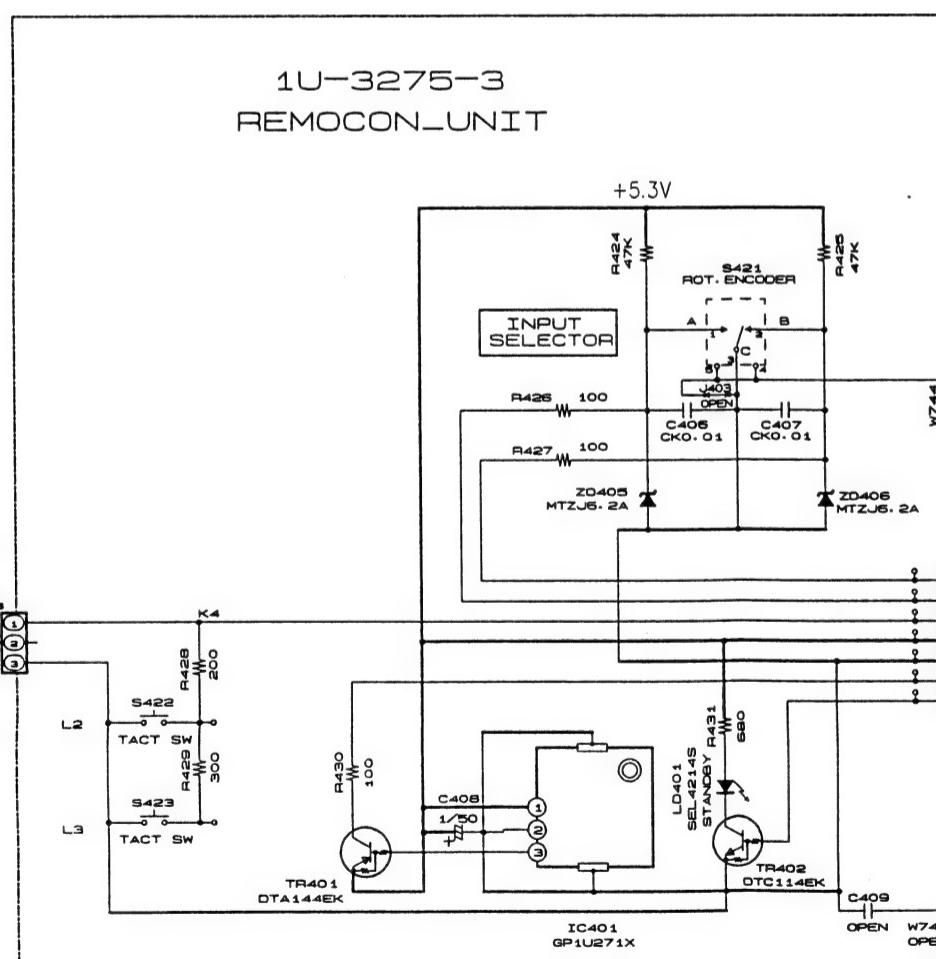


B

	K1	K2	K3
L1	SURROUND BACK	DIRECT	CH VOL QW
L2	INPUT MODE	STEREO	CH VOL UP
L3	ANALOG	DOLBY/OTS SURROUND	REC/M SOURCE
L4	6CH/8CH EXT. IN	SCH STEREO	REC/M MODE
L5	VIDEO SELECT	DSP SIMULATION	DIMMER
L6	TONE DEFEAT	SELECT	STANDBY

C

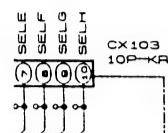
D



E

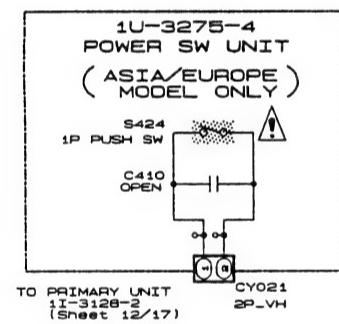
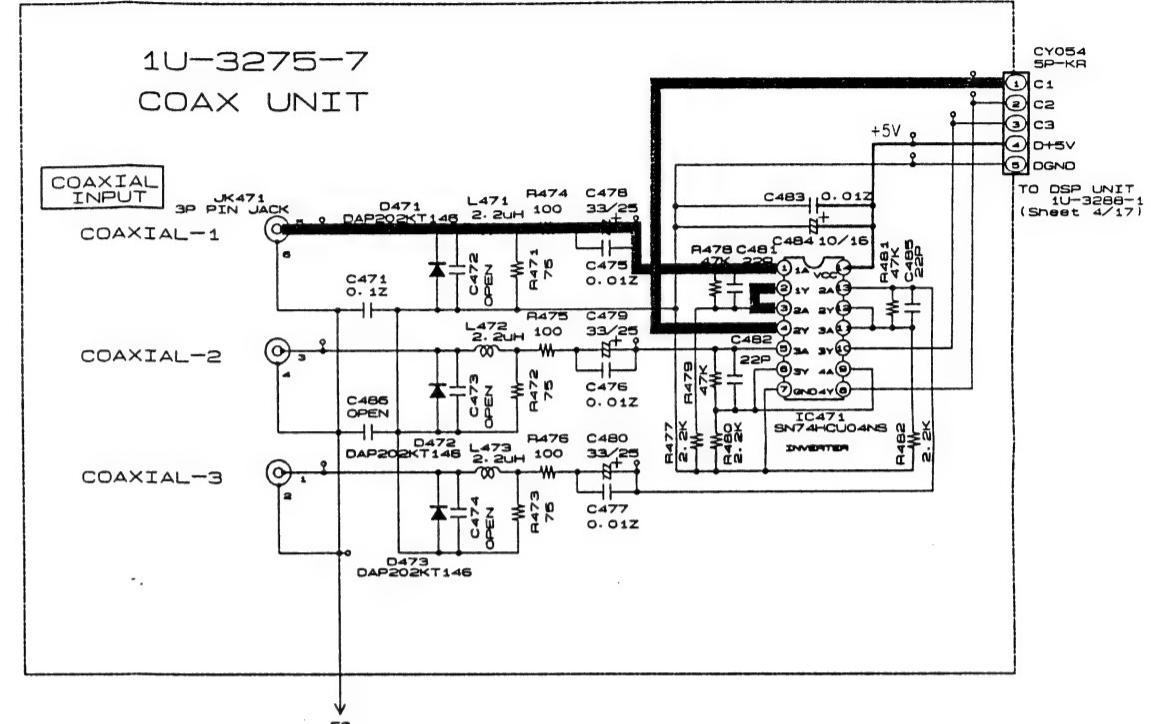
F

G



	K1	K2	K3	K4
L1	SURROUND BACK	DIRECT	CH VOLUME DOWN	
L2	INPUT MODE	STEREO	CH VOLUME UP	HOME THX CINEMA
L3	ANALOG	DOLBY/DTS SURROUND	REC/MULTI SOURCE	TAPE-2 MONITOR
L4	6CH/8CH EXT. IN	5CH STEREO	REC/MULTI MODE	
L5	VIDEO SELECT	DSP SIMULATION	DIMMER	
L6	TONE DEFEAT	SELECT	STATUS	

H423 R422 F421 M420 N420
3K 1K



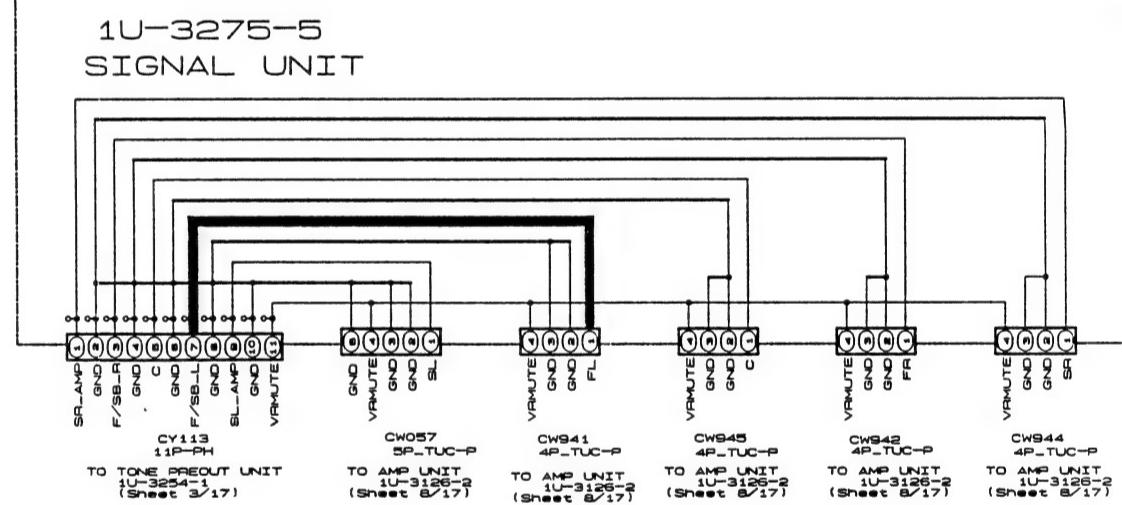
CX074
7P-KR

SEL0
SEL2
SEL4
M5V
GND
REMOCON
STANDBY

TO FLO UNIT
1U-3125-3
(Sheet 14/17)

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—+B LINE
—SIGNAL LINE

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SCHEMATIC DIAGRAMS (15/17)

1U-3275-2 TACT SW UNIT / 1U-3275-3 REMOCON UNIT
1U-3275-4 POWER SW UNIT / 1U-3275-5 SIGNAL UNIT
1U-3275-6 POWER SW-2 UNIT / 1U-3275-7 COAX UNIT

SCHEMATIC DIAGRAMS (16/17)

1

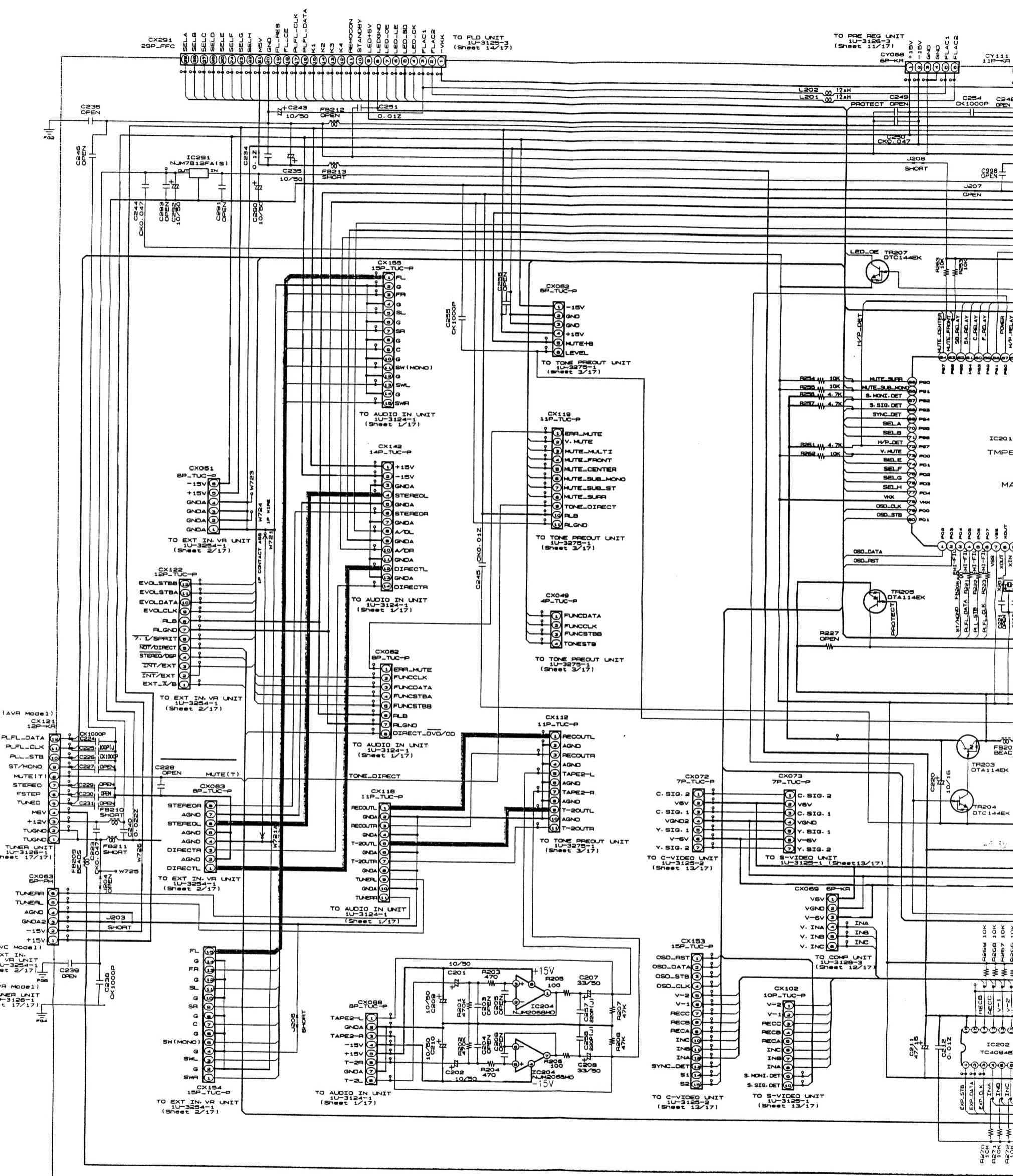
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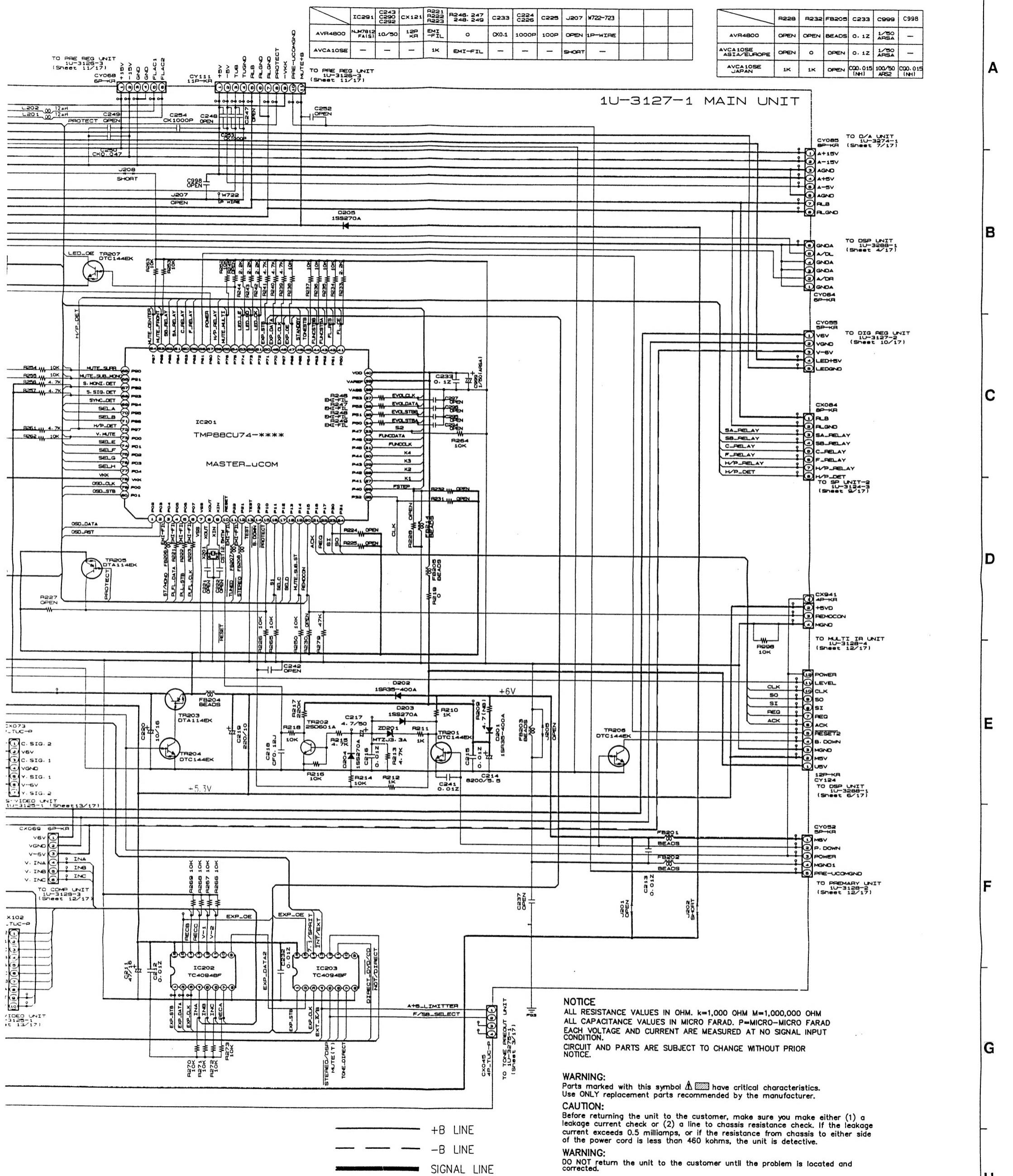
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SCHEMATIC DIAGRAMS (16/17)
1U-3127-1 MAIN UNIT

SCHEMATIC DIAGRAMS (17/17)

1

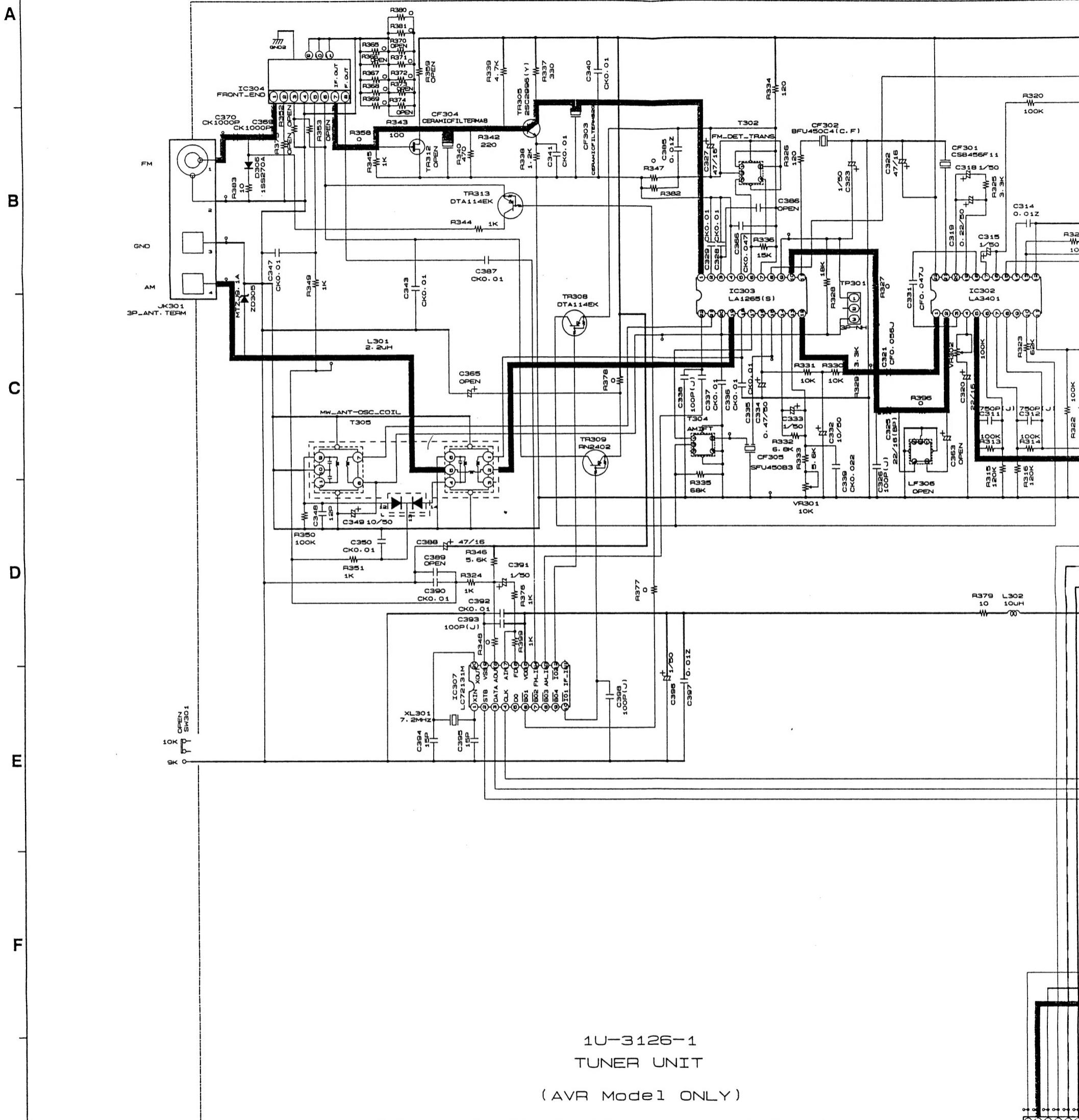
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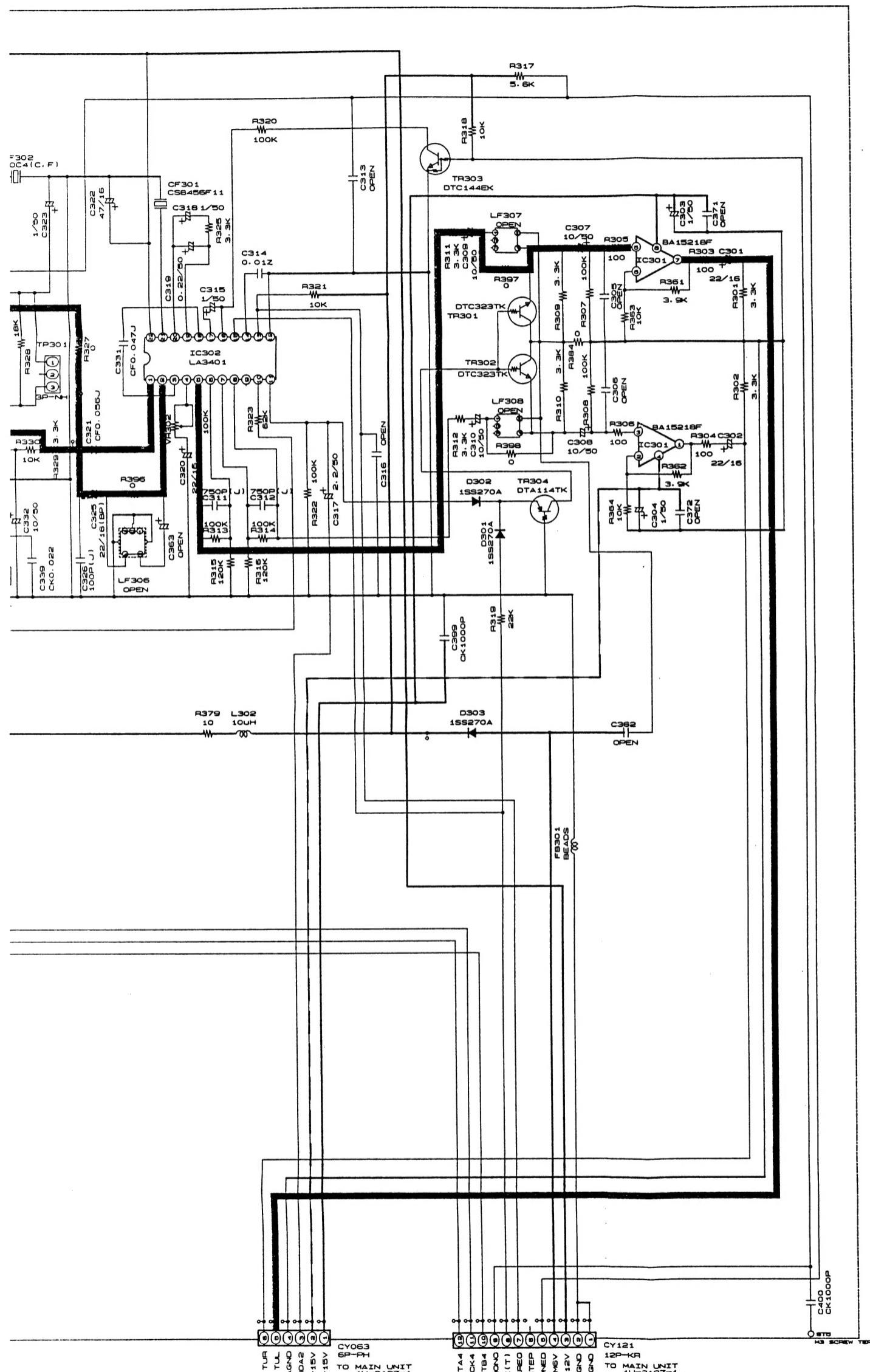
6



1U-3126-1

TUNER UNIT

(AVR Model ONLY)



NOTICE

NOTICE
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+B LINE
-B LINE
SIGNAL LINE

SCHEMATIC DIAGRAMS (17/17) 1U-3126-1 TUNER UNIT